



QCWA Journal

Quarter Century Wireless Association - Founded in 1947

Published Quarterly • \$5.00 • FALL 2006 • Vol. 55, No. 3



Above is Bill Chase, W0EXZ and a 1902 Locomobile Steam car that he rebuilt from the ground up!

Quarter Century Wireless Association
PO Box 3247
Framingham, MA 01705-3247

Change Service Requested

NON PROFIT
U.S. POSTAGE
PAID
ASHLAND, MA
PERMIT NO. 7

Member Supplies

CERTIFICATES

Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

- **QCWA Gold Certificates** celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.
- **Gold Certificates** are issued in five-year increments; 55, 60, 65, and 70-year certificates free of charge to eligible members. Special awards are issued for 75 years and higher.
- **Fifty-Year Continuous Licensing Gold Certificate** available to eligible members. Requires submission of proof of continuous licensing. There is a \$5.00 fee for this certificate. Applications are available from QCWA Headquarters.
- **QCWA Century Club Certificate** is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.
- **Meritorious Award Certificate** is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

OPERATING AWARDS

The Activities Manager issues QCWA Operating Award Certificates to QCWA members. Proof of eligibility is required.

- **QCWA Worked 50 States Awards** are issued to QCWA members who have contacted members in each state of the union.
- **QCWA Worked 100 Members Awards** are issued to QCWA members who have contacted at least 100 QCWA members.
- **QCWA Worked 60 Chapters Awards** are issued to QCWA members who have contacted members of 60 chapters.
- **QCWA Worked 500 Members Awards** are issued to QCWA members who have contacted 500 QCWA members.

OTHER MEMBER SUPPLIES

- Lapel Pins without year tags. Tie tack, safety pin or screw type pins (no year) -\$15.00
- Lapel Pins with year tags (tie tack only). Specify year: 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 -\$20.00
- QCWA Life Member pin: \$8
- QCWA Embroidered emblem: \$5.00
- 450 QCWA Red Stamps (regular): \$4.00
- 450 QCWA Gold Stamps (life): \$3.00
- 400 QCWA Yellow Stamps (50 Year): \$3.00
- QCWA Cap with logo: \$15.00
- QCWA Chapter Banner: \$200.00
- QCWA Decals: \$1.00
- QCWA QSL Cards — (see ad elsewhere)
- QCWA Member Badges — (see ad elsewhere)
- QCWA Golf Shirts— (see ad elsewhere)

Please send your order to: QCWA Headquarters, P.O. Box 3247, Framingham, MA 01705-3247
Phone (inquiries only, no orders via phone): (508) 405-1930, FAX: (508) 405-1965
We accept orders charged to credit cards.



QCWA Journal

FALL 2006 ■ Volume 55, Number 3

Editor

Douglas Walbridge
P.O. Box 251
Hudson, MA 01749
978-985-5814

Contributing Authors

John B. Johnston W3BE
George Hart, W1NJM

Business Office

P.O. Box 3247
Framingham, MA 01705-3247
508-405-1930
FAX: 508-405-1965
qcwagm@rcn.com

Editorial & Advertising Office

P.O. Box 3247
Framingham, MA 01705-3247
508-405-1930
FAX: 508-405-1965
qcwagm@rcn.com

QCWA On The Web:

<http://www.qcwa.org>
e-mail address:
qcwagm@rcn.com

QCWA National Nets

SSB - Sunday at 2000Z on 14347
CW - Wednesdays at
2000E on 7035

QCWA JOURNAL is published four times a year (quarterly) by the Quarter Century Wireless Association, Inc. Membership in QCWA, including a subscription to the Journal, is available to individuals who qualify in the United States and its possessions at the following rates: \$20 for one year; \$35 for two years; \$50 for three years; and \$300 for life. For Canadian & foreign membership rates, please contact the business office.

POSTMASTER: Please send change of address to QCWA, Inc., P.O. Box 3247, Framingham, MA 01705-3247.

Contents of this Journal are ©2006 QCWA (Quarter Century Wireless Association)

REPORTS

President's Message - John Johnston, W3BE	3
General Manager's Report - Chuck Walbridge, K1IGD	5
Chapter Reports	16
New Members	38

FEATURES

2006 QCWA Honor Awards	6
QSO Party Results	7
Bringing Communications To China - Pat West, W7EA	41
Southern Appalachian Radio Museum - John Travis, W4QCF	44
Random Recollections - George Hart, W1NJM	47
Memorial Scholarship Fund	48
Transmitters Golden Anniversary - Nelson M. Seese, W4BHD	51

COLUMNS

Q&A The Rules Say... - John Johnston, W3BE	12
---	----

DEPARTMENTS

Classified Ads	52
Silent Keys	54
Chapters On The Air	55

This month's cover: You are looking at a 1902 Locomobile Steam car, rebuilt from the ground up by Bill Chase, W0EXZ, who is a young 96-year-old licensed for 75 years! Bill has also restored a 1910 Chase truck!! How's that for a coincidence? Bill still gets on 80 meter phone daily for the "Bible Net" and at 96 still drives to the QCWA monthly Chapter 210 luncheons!

DISCLAIMER: Opinions expressed by the authors of articles contributed to the Journal do not represent the official position of the Officers or Directors of the Quarter Century Wireless Association, Inc.

QCWA Officers and Board of Directors

President: John Johnston, W3BE

17701 Bowie Mill Rd., Derwood, MD 20855-1608
Phone: 301-869-8286, johnston.john1@worldnet.att.net

Vice President: Bob Roske, NØUF

993 Hassan Street SE, Hutchinson, MN 55350-3215
Phone: 320-587-3890, broske@hutchtel.net

Secretary: Alan Pickering, KJ9N

31860 Taylor Grade Road, Duette, FL 33834-6862,
Phone: 941-776-0933, kj9n@juno.com

Treasurer: Frank Harris, WA4PAM

512 E Pasadena Ave, Clewiston, FL 33440-3207
Phone: 863-902-3645, e-mail: fharris44@earthlink.net

Past-President: Croft Taylor, VE3CT

3 Weatherly Dr., Kanata ON K2W 1A3, Canada
Phone: 613-839-3336 (May-Oct) 941-486-0969 (Nov-Apr)
ve3ct@rac.ca

General Manager: Chuck Walbridge, K1IGD

P.O.Box 3247 Framingham, MA 01705-3247
Phone: 508-405-1930, FAX: 508-405-1965,
qcwagm@rcn.com
QCWA home page - <http://www.qcwa.org>

Directors

Tom Atkins, VE3CDM

55 Havenbrook Blvd, Toronto, ON M2J 1A7, Canada
Phone: 416-494-8721, ve3cdm@pathcom.com

Harold Chase, W1EES

75 Chestnut Cir, W Suffield, CT 06093-2100
Phone: 860-668-0845, ees73@att.net

Lew Gordon, K4VX

P.O. Box 105, Hannibal, MO 63401-0105
Phone: 573-221-7730, k4vx@direcway.com

Harrison Moore, W2JQS

101 Boulder Trail, Bronxville, NY 10708-5905
phone: 914-337-5191, w2jqs@aol.com

Leonard Nathanson, W8RC

29203 Lake Park Dr, Farmington Hills, MI 48331-2661
Phone: 248-553-8111, radioamw8rc@gmail.com

Kenneth 'Ken' D Oelke, VE6AFO

729 Harvest Hills Drive, NE Calgary, AB, T3K 4R3, Canada,
Phone: 403-226-5840, ve6afo@rac.ca

Blanche Randles, W4GXZ

44 Western Lane, Amherst, MA 01002-3247
Phone: 413-256-0179, w4gxz@admin.umass.edu

Ed Yoder, W3YMB

9 Lakeridge Dr., Greensburg, PA 15601-9799
Phone: 724-850-4462, edyoder@comcast.net

Past Presidents

John DiBlasi, W2FX (SK)

1947 - 1964

Earl R. Thomas, W2MM (SK)

1965 - 1968

Clarence Seid, W2KW (SK)

1969 - 1971

Barry Goldwater, K7UGA (SK)

1972 - 1973

Frank A. Gunther, W2ALS (SK)

1974 - 1977

Harry S. Gartsman, W6ATC

1978 - 1981

Stuart Meyer, W2GHK (SK)

1982 - 1985

Leland Smith, W5KL (SK)

1986 - 1989

Harry Dannels, W2HD

1989 - 1994

Lew McCoy, W1ICP (SK)

1994 - 1996

John Kelleher, W4ZC (SK)

1996 - 1998

Gary R. Harrison, KØBC

1998 - 2002

Croft Taylor, VE3CT

2002 - 2004

Executive Secretary/ General Manager

Ralph Barber, W2ZM (SK)

1955 - 1964

Gus Gironda, W2JE (SK)

1965 - 1973

Ethel Smith, K4LMB (SK)

1974 - 1976

Ted Heithecker, W5EJ (SK)

1976 - 1991

Jim Walsh, W7LVN (SK)

1991 - 2003

The QCWA Journal

The Quarter Century Wireless Association and QCWA JOURNAL in no way warrant the products described or reviewed herein. The JOURNAL does not assume responsibility for unsolicited manuscripts. Subscription to the JOURNAL for non-members in the US is available for \$20 per year. Contact the business office for subscription information. The JOURNAL is available free to blind paid-up members on audio cassette tape. For more information, contact Blanche Randles, W4GXZ, 44 Western Lane, Amherst, MA 01002-3247.

→ From the **President**

John Johnston, W3BE



Thanks to everyone who participated in our general election this year: Our Nominating Committee of Gary Harrison, K0BC; Lew Gordon, K4VX; and Ken Oelke, VE6AFO; our General Manager, Chuck Walbridge, K1IGD; all of our candidates; our Tally Committee, Carl Breuning, N1CB and Cheryl Breuning, WA1WEY, both members of Twin State Chapter #146; and – most importantly – our voting members. Welcome to our new Board of Directors that takes office on September 1st. Also, a big thank you goes to our outgoing Officers and Directors. They compiled an impressive list of items to be addressed and made significant progress in arriving at satisfactory resolutions.

Congratulations to our new Secretary, Walt Supina, N4WS. It is always a pleasure to work with you. You have some big shoes to fill with the departure of Alan Pickering, KJ9N. Welcome back Frank Harris, WA4PAM, as our Treasurer. Frank has over forty years of banking experience and extensive experience in investments. All in all, we have a magnificent team of all-stars.

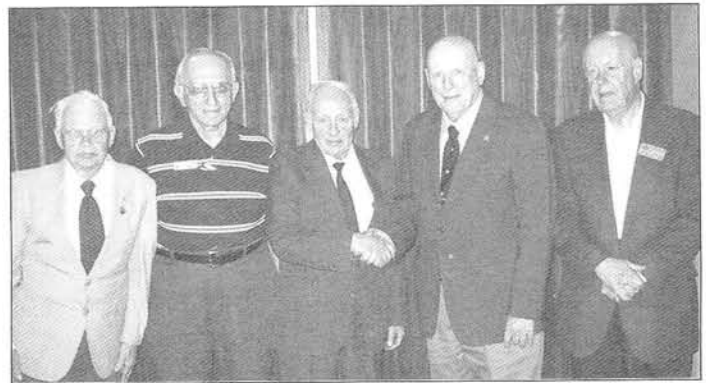
Interestingly, one of our President's first tasks is to name a Nominating Committee for our year 2008 election. That is a sobering reminder that our incoming Board of Directors has but two years to complete its work. For this reason, our five Standing Committees were in place on September 1. These are our Finance, Chapter Relations, Administration, External Relations and Journal Standing Committees. A Chair, a Deputy, several members and advisors for each of our Standing Committees have been announced on our Website. Thus, they will all hit the ground running. Practically all of our Standing Committees' work is carried out by e-mail. So, if you would like to join in, please contact the Chair of the Standing Committee for which you would like to contribute your time and talent.

Our first order of business will be to tackle our Special Action Item List and set out a realistic agenda. At the top of our list will be our future Annual Conventions. We will also review the status reports from each of our committees and address whatever issues arise. Our Board will report to you on its progress during our general meeting at our 2006 Annual Convention. A report will also appear on our QCWA web page and in our QCWA Journal. So, it's going to be a busy weekend in beautiful Calgary. Our Convention will be in a fabulous location with lots to see and do.

Recent visits included our Southwest Ohio Chapter #9 Banquet during the Dayton Hamvention, our Harrisburg Chapter #37, our Tidewater, VA, Chapter 119 (Photo 1), our York, PA, Chapter #165 picnic, and our Colonial (PA) Chapter #166 picnic. Also, our QCWA Banner was flying proudly at several hamfests: Rochester (NY) with Jim Mozley, W2BCH, from our Finger Lakes Chapter #29 and Bill Thompson,

W2MTA, from our Central New York Chapter 28; Georgetown, DE, with Dick Drevo, W3GNQ, et al, from our Del-Mar-VA Chapter #150; Antietam (MD); Frederick (MD) Amateur Radio Club Hamfest; Maryland Mobileers Hamfest at Friendship (MD) with Les Jamison, WR3X, from our Baltimore Chapter #20; and it was my 50th year at the Dayton (OH) Hamvention.

Let's keep our banner flying!
DE W3BE



Gerd Schrick, WB8IFM (center), receives congratulations from Carey Alexander, K8DOT (left); John Fridrick, K8DSR; John B. Johnston, W3BE; and Croft Taylor, VE3CT (right) at the Southwestern Ohio Chapter #9 Banquet during the 2006 Dayton Hamvention. Gerd received our QCWA Presidential Honors Award for his work in arranging the 2005 Banquet.



Gordon West, WB6NOA, (center) receives our 2005 Presidential Honors Award for his work in advancing skills in both the communication and technical phases of the radio arts. The occasion was during the Dayton Hamvention. On the left is Past-President Croft Taylor, VE3CT.

(photos continued on next page)

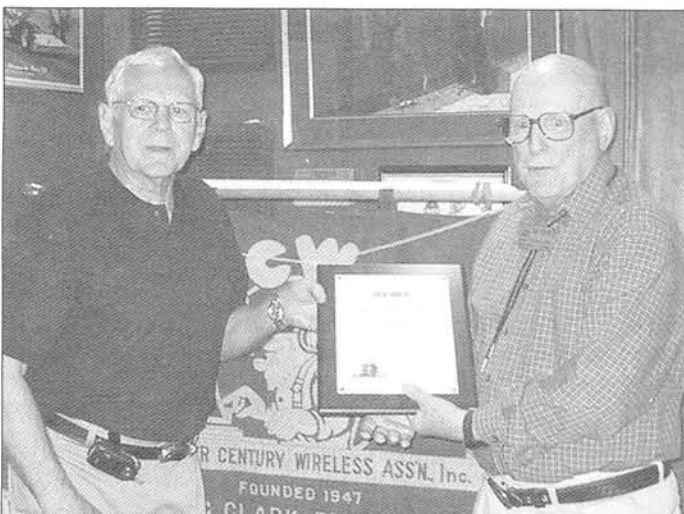
The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a noncommercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed. Membership inquiries and general correspondence should be addressed to the business office at P.O. Box 3247, Framingham, MA 01705-3247 U.S.A. Telephone: 508-405-1930 FAX: 508-405-1965



Ray H.C. Johnson, K5RJ, President of our Vic Clark Chapter #91, accepts our 2005 Presidential Honors Award for his work in continuing and extending the amateur operator's unique ability to enhance international goodwill, at a recent meeting in Vienna, VA.



Larocca (Rocky) Jones, KC4UX0, receives our 2005 Presidential Honors Award for her work in expanding the existing reservoir within our amateur service of trained operators, technicians and electronic experts, at a meeting of our Baltimore Chapter #20. On the left is Chapter Vice-President and Secretary Les Jamison, WR3X. On the right is Chapter Treasurer Bruce Carpenter, W3YVV.



Recent meeting of Tidewater Chapter #119 in Virginia Beach, VA.

GENERAL MANAGER'S Report

Chuck Walbridge, K1IGD



FALL 2006

ELECTION RESULTS:

The Officer/Director election for 2006 is now complete. Results of the voting are shown in the table below. Congratulations to those who will comprise the Board of Directors for the 2006—2008 terms. Thanks to all those who ran, but were not successful, this time around. I would urge you to consider being a candidate for the 2008 election. You have shown an interest in acting in an important facet of QCWA management; as an Officer or Director. The new Board members take their official positions as of September 1, 2006. Their first Board meeting will be on Thursday, September 28, 2006 as part of the Calgary Annual Convention.

DAYTON HAMVENTION 2006:

Dayton was part circus, part "3-D catalog", and part educational! Jan and I enjoyed meeting the many members with whom we have exchanged phone calls and e-mails over the past year.

As for new members, we had 46 in 2005 and 48 in 2006. Dayton continues to be our largest event for recruiting. A new display for the booth was well received and attracted those walking by to stop and inquire about QCWA.



QCWA booth at Dayton. Left to right, Bob Roske, N0UF; Jan Walbridge, Officer Manager; Croft Taylor, VE3CT; and Carolyn Harrison, WB00UM.

Thanks to the many members and friends who manned the booth, answering questions and processing new and renewal memberships. Chapter 9 hosted the

Friday night QCWA Banquet. We appreciate and thank Gerd Schrick, WB8IFM, for arranging this annual affair. It was a very enjoyable evening.

If you haven't attended the Dayton Hamvention, you surely have missed an exceptional event. I'm looking forward to 2007 and hope to meet many more of our members at that time!

Have a great Fall season. Jan and I look forward to seeing you at the Calgary Convention in September.

73, Chuck Walbridge, K1IGD
General Manager

2006 QCWA Officer/Director Election results

PRESIDENT

John Johnston, W3BE*	1539
Robert Roske, N0UF	622

V-PRESIDENT

Leonard Nathanson, W8RC*	1223
Lawrence McCalvy, WA9JMO	909

SECRETARY

Walter Supina, N3WS*	Unopposed
-----------------------------	------------------

TREASURER

Frank Harris, WA4PAM*	Unopposed
------------------------------	------------------

DIRECTORS

Blanche Randles, W4GXZ*	1795
Edwin Yoder, W3YMB*	1749
Leroy Baldwin, W0OFY*	1620
Kenneth Oelke, VE6AFO*	1599
Carolyn Harrison, WB00UM*	1539
Val Erwin, W5PUT*	1511
Ralph Hirsch, W8RSH*	1502
William Pasternak, WA6ITF*	1462
Matt Tinker, W9PW	1422
Howard Cunningham, WD5DBC	1211
Ralph Hawkins, KA5CNT	1015

* Denotes winning candidate

The tellers provided these results to the General Manager on July 31, 2006. Total ballots received were 2196.

NOTICE OF BY-LAW CHANGE

On July 9, 2006, the Board of Directors voted to revise Article III, Section 6 of the QCWA By-laws to read as follows:

"A vacancy in the Board of Directors shall be deemed to occur upon the death or resignation of a member or upon a Director's refusal to act. Such vacancies shall be filled by nomination and election by a majority vote of the Board of Directors."

As prescribed by Article IX, this By-law change becomes effective sixty (60) days after advising the membership of the change by publication in the QCWA Journal.

2006 QCWA HONOR AWARDS

QCWA has six Honor Awards whose purpose is to recognize QCWA members who have made outstanding contributions to QCWA, Amateur Radio or to the general public in the field of communications. In the summer issue of the Journal, President Johnston listed those who were awarded Presidential Awards, one of the six award categories. In this issue of the Journal, the other five awards are acknowledged: Hall of Fame; Roll of Honor; John DiBlasi Award; Distinguished Service Award; QCWA Member of the Year Award. Congratulations to these five honorees for their service to QCWA and Amateur Radio.

QCWA HALL OF FAME AWARD



*This Award is given to recognize an outstanding contribution to amateur radio in general at the national or international level and is presented to **Dr. Larry Price, W4RA**, for his outstanding contributions as President of the International Radio Union.*

DISTINGUISHED SERVICE AWARD



*This is awarded to any QCWA member in recognition of outstanding service to QCWA and is presented to **Al LaPater, W2AS**, for his outstanding service as President of Citrus Chapter No. 45.*

ROLL OF HONOR AWARD



*This Award is given to recognize an outstanding contribution to QCWA, amateur radio or to the general public in the area of communications and is presented to **Ken Oelke, VE6AFO**, for his substantial contributions as Director and President of Radio Amateurs of Canada.*

QCWA MEMBER OF THE YEAR AWARD

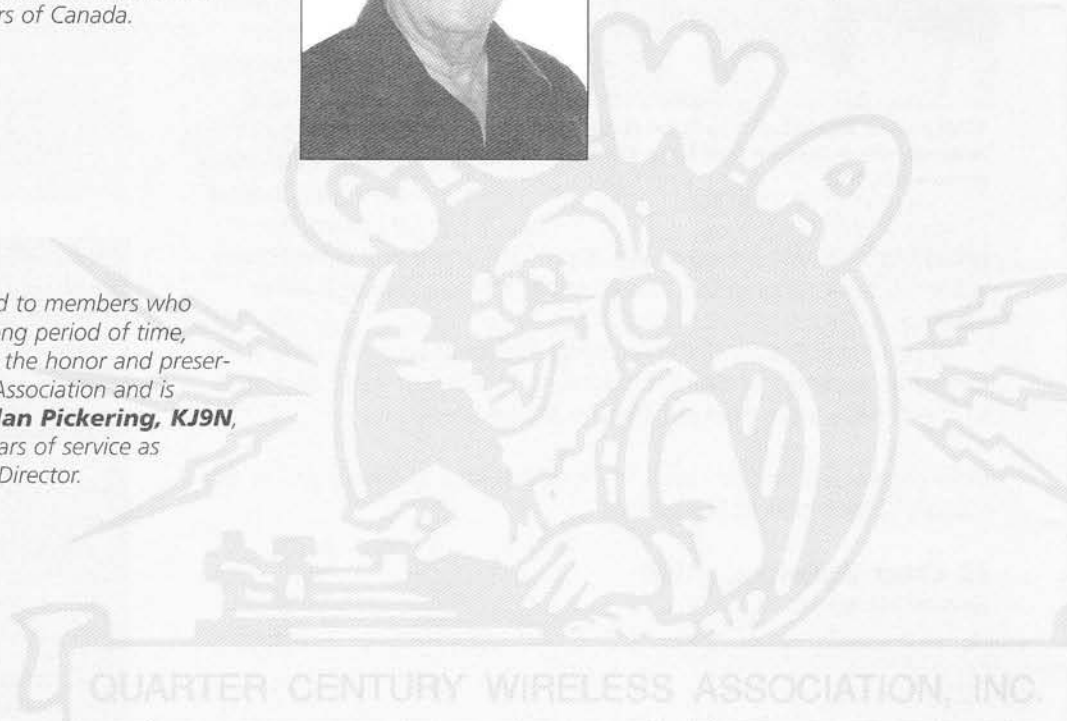


*This award honors a QCWA member who has made an outstanding contribution to QCWA during the past year and is presented to **Ed Yoder, W3YMB**, for his service as Director, Parliamentarian, and Chair of the Administration Standing Committee.*

JOHN DIBLASI AWARD



*This is awarded to members who have, over a long period of time, contributed to the honor and preservation of our Association and is awarded to **Alan Pickering, KJ9N**, for his long years of service as Secretary and Director.*



50th Annual QSO Party Rules

Rules for the 50th Annual QCWA QSO Parties

QCWA invites you to participate in the 2006 QSO parties. All licensed Radio Amateurs world wide are invited. Time/Dates: The Fall QSO party will commence on September 16 at 1800 Hrs UTC. It will run for a period of 24 Hours.

Frequencies: The following 15 Bands may be used:

1.8: 1.800 - 2.000	14.0: 14.000 - 14.150	28.3: 28.3 - 29.7
3.5: 3.500 - 3.750	14.2: 14.150 - 14.350	50.0: 50.0 - 54.0
3.9: 3.750 - 4.000	21.0: 21.000 - 21.200	144: 144.0 - 148.0
7.0: 7.000 - 7.150	21.2: 21.200 - 21.450	220: 220.0 - 225.0
7.2: 7.150 - 7.300	28.0: 28.000 - 28.300	UHF above 420 Mhz

Any station may be contacted on any or all of the 15 bands for a maximum of 15 QSO's per station, with no more than one QSO per Band. Any station in your home QCWA chapter may be counted only once, for a maximum of one QSO per station. No contacts on WARC bands are permitted (10, 18 and 24 Mhz Bands). No Cross Band or Repeater Contacts are allowed.

Suggested Starting Frequencies:

CW: 1.810: 3.540: 7.035: 14.040: 21.050: 28.050

Phone: 1.845: 3.890: 7.244: 14.262: 21.365: 28.325

Calling (CW or Phone): CQ QCWA

Information Exchange: Fill Columns on the Log Form. For the "year" column, indicate the last 2 digits of the year the station operator was first licensed. If the contacted station does not belong to a QCWA chapter show only the State, Province or Country of its location. The latter would apply to Non QCWA members as well as to QCWA members who are not affiliated with a local chapter. **Do Not mention the term "At Large" (AL) as was done several years ago, as this can be confused with AL for Alabama.** For Band info, simply indicate one of the above 15 Bands in the "band" column.

Categories: You may choose to work all modes (MIXED) or only (PHONE) or only (CW/DIGITAL). Certificates will be issued for each Category of "Cw/digital", "Phone", or "Mixed" .

Scoring: Each Phone QSO is worth one contact point. Each CW QSO or other Digital Mode QSO such as RTTY, PSK31, MFSK etc. is worth 2 contact points (show 2 points in the QSO Points Column on the Log). A Multiplier of one point is given for each QCWA Chapter worked and for each State, Province or Country reported from stations not belonging to a QCWA Chapter. A total of only one multiplier point will be given for each State, Province or Country. A Multiplier of 3 points will be given on each of the 15 Bands for working our Special Events Station W2MM. It is hoped to have this station active throughout the two parties. Stations within 50 miles (80 Kms) of W2MM, may work W2MM only once for a total multiplier of 3 points.

Sample Logs and a summary sheet may be requested from **QCWA Headquarters** with an SASE. The address is:
PO Box 3247 Framingham, MA 01705-3247 USA. They are also on the internet at **www.qcwa.org**. Contacts with QCWA Memorial Station W2MM count as three multipliers on each of the 15 bands.

Awards: Certificates will be issued for the top 3 World Scores in each category. A certificate will also be issued for the top score in each category in each participating Country.

Send Logs to: **W2OD, Robert Buus, 8 Donner Street, HOLMDEL N.J. 07733-2004, U.S.A.** or as an e-mail attachment to :
 w2od@aol.com

Rules/logsheets/summary form are available at website www.qcwa.org/qso-party.htm

PHONE - QCWA April 2006 QSO Party

Call	Name	Chapter	QSO's	Multiplier	Total Score
K1FUB	Bill	146	104	59	6136
K4SUS	Tom	12	30	26	780
VE3XK	Doug	70	27	20	540
K4HBI	Mike	49	24	21	504
NR8U	Bob	212	24	20	480
W3MGL	Larry	119	20	18	360
K6QS	Ralph	14	18	18	324
W3UQH	Duane	31	18	18	324
WQ6CWA	Chuck	213	14	15	210
W4YCZ	Jack	119	11	13	143
VE3HKG	Frances	70	11	11	121
WA2DUX	Mark	NJ	11	11	121
K5HBU	Owen	47	10	10	100
WA5FLV	Gsry	211	11	9	99
W5LUE	Jack	72	8	8	64
W8WVM	Arnie	30	7	9	63
VE3DHL	Keith	73	7	9	63
W0YQY	Don	210	7	9	63
WA7OYC	Ed	188	7	7	49
K4RKN	John	AL	6	6	36
VE3NPC	Clare	70	5	7	35
K4IJK	Janice	112	5	5	25
W1KKG	Sperry	VA	4	6	24
KOLM	Lloyd	79	4	4	16
K7FP	Frank	4	3	3	9
WA9JMO	Larry	162	2	4	8
W3GQJ	John	217	2	2	4
W8SLZ	Ray	1	1	3	3
W9KI	Howard	MO	1	3	3

MIXED - QCWA April 2006 QSO Party

Call	Name	Chapter	CW QSO's	Phone QSO's	Mixed Pts.	Multiplier	Tot. Score
K9VKY	Brian	6	57	1	115	46	5290
N4ARO	Dick	182	60	4	124	41	5084
N3WS	Walt	128	47	3	97	42	4074
K4BAI	John	GA	43	6	92	37	3404
VE3BNO	George	70	25	11	61	33	2013
W6IST	Al	7	24	8	56	34	1904
K2YLH	George	77	25	6	56	24	1344
WB5STU	Dan	TX	18	9	45	27	1215
HB9MX	Kurt	209	21	4	46	23	1058
VE4AHZ	Jack	70	20	4	44	24	1056
W4VIC	Vic	119	17	9	43	18	774
KO2Q	Frank	28	4	25	33	23	759
K5EOA	Wayne	109	15	2	32	17	544
K3QC	Tad	196	10	5	25	15	375
WA1PFC	John	112	10	1	21	13	273
W9NVK	Ed	162	4	6	14	12	168
W0RTV	Don	19	5	4	14	11	154
K2TVY	Frank	138	3	1	7	4	28 QRP

CW/DIGITAL - QCWA April 2006 QSO Party

Call	Name	Chapter	QSO's	Multiplier	Tot. Score	
W1DV	Dave	NY	98	63	12348	
K1AA	Norm	45	72	65	9360	
W3CP	Jim	OR	76	57	8664	
W5KL	Buddy	202	70	53	7420	
K8FH	Fred	1	65	47	6110	
K9GDF	Rich	WI	63	46	5796	
K4JM	Tom	VA	61	44	5368	
KI4VB	Mark	119	55	46	5060	
AB2N	Arnold	138	55	41	4510	
NQ2F	Scott	NY	54	36	3888	
K8LJG	John	10	50	35	3500	
W7YS	Bill	AZ	45	36	3240	
VE3BBM	Ralph	70	41	36	2952	
K3CKT	Jim	MD	44	33	2904	
VA3ZBB	Rod	70	37	33	2442	
K5BZH	Jim	TX	34	34	2312	
K8VFR	Rose	10	38	24	1824	
VA3RKM	Bob	70	32	25	1600	
W8KYD	Ron	1	24	20	960	
W9HR	Al	162	17	21	714	
VE3CBE	Wally	70	19	16	608	
K2VX	Dave	91	18	16	576	
W9FB	Zak	IN	17	14	476	
W3NGO	Dick	PA	16	13	416	
W4ZPR	Jack	119	14	13	364	Mobile
WA8MWA	Carolyn	120	14	13	364	
WB4DCM	Charles	126	13	12	312	
W4AGI	Vic	202	12	12	288	
W4RQ	Bob	155	11	12	264	
VE7NI	John	151	10	12	240	
N7EIE	Leroy	170	10	12	240	
N1RA	Bob	53	10	10	200	
K0WPK	Rob	8	9	9	162	
W2HLI	Dave	128	8	10	160	
W2KQ	Joe	138	7	9	126	
W4YOK	Tom	TX	5	7	70	
W7HWR	Denis	168	6	5	60	
K6LFR	Ken	213	4	4	32	
W3TFA	Stan	23	2	1	4	

Summary Paragraph : In order to assist the log checker, please include, along with your logs, a summary Paragraph as shown below.

QSO'S

CW Contacts (Digital) _____ X 2 = _____
 Phone Contacts _____ X 1 = _____
 Total Contact Points _____ (A)
 Multipliers _____ (B)

Total Score = A x B = _____

CATEGORY CW () PHONE () MIXED ()

Send your log along with the above summary paragraph to the following address within 30 days of the QSO Party. All participants are encouraged to send in logs no matter how few or how many contacts you have made.

Send logs to: ARS:W2OD Bob Buus, 8 Donner Street, Holmdel, NJ 07733-2004, USA or as an e-mail attachment to w2od@aol.com

Certificate Winners: QCWA Spring QSO Party, April 1/2, 2006

50 years of QSO Parties

Call	Name	Location	Chapter	Rank	Category
W1DV	David Vittum	Phelps, NY	Ch NY	Highest Score	CW/Digital Category
K1AA	Norman Gertz	Orlando, FL	Ch 45	2nd Highest	CW/Digital Category
W3CP	James Headrick	Stanfield, OR	Ch OR	3rd Highest	CW/Digital Category
K1FUB	William Fleury	Nashua, NH	Ch 146	Highest Score	Phone Category
K4SUS	Thomas Glaze	Ellijay, GA	Ch 12	2nd Highest	Phone Category
VE3XK	Douglas Leach	Carp, ON	Ch 70	3rd Highest	Phone Category
K9VKY	Brian Roberts	Fombell, PA	Ch 6	Highest Score	Mixed Category
N4ARO	Richard Church	Johnson City, TN	Ch 182	2nd Highest	Mixed Category
N3WS	Walter Supina	State College, PA	Ch 128	3rd Highest	Mixed Category
VE3BBM	Ralph Cameron	Ottawa, ON	Ch 70	Highest	Canadian CW/Digital
VE3BNO	George Roach	Ottawa, ON	Ch 70	Highest	Canadian Mixed
HB9MX	Kurt Bindschedler	Winterhur	Ch 209	Highest	Switzerland Mixed
VE3HC	Fred Hammond Ch	Toronto, ON	Ch 73	Highest	Multi-Op Mixed
WA2GM	Marconi Chapter	Lincroft, NJ	Ch 138	Highest	Multi-Op Phone

Special Thanks

To Alan, KJ9N, and Ben, N6SL, who operated as Headquarters Station W2MM. Normally, W2MM is operated by the Chapter hosting the QCWA Convention. When we hold our Convention in Canada we cannot allocate the call to a Canadian Chapter. This year we are in Calgary, Alberta.

To Marconi Chapter 138 and The Fred Hammond Chapter 70 who operated multi-operator Stations to commemorate our 50th Anniversary.

To Bob Buus, W2OD, who did the log checking and compiled the results. Bob is Secretary of Chapter 138 and a former Director of QCWA.

Chapter Participation

As well as Chapters who sponsored Multi-op stations, we congratulate the Chapters who were able to motivate more than one of their members into operating in the QSO Party. They were Ch70(9), Ch119(5), Ch 1(3), Ch138(3), Ch162(3) and Chapters 213, 128, 112, and 10 with 2 members.

I look forward to meeting you on the air on September 16 as we celebrate our 50th Fall Party.

Cheers,
VE3BNO, George



The Rules Say...

Q&A

John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

Will The Easier Tech Exam Benefit Ham Radio?

Q. While the providers of examination study materials are probably ecstatic over seeing our entry standards lowered, I fail to see where it benefits amateur radio. The former Technician exam was not too hard. Our VEs report that few failed it. (Comment?)

A. The former Element 2 question pool required a very modest investment of study in return for about 90% of all amateur service privileges. It was replaced, prematurely, on June 30, 2006, with a smaller pool in order, as announced: "... to better position the Amateur Radio Service for growth in the years ahead."

W3BE-O-GRAM: Reducing the number of questions in the pool does not help those who want to learn what is needed in order to operate properly an amateur station with Technician Operator Class privileges - the scope of the material specified in the rules hasn't changed. It does not make our VEs' job any easier - we still have to administer 35 questions to each examinee.

It appears, therefore, that it only assists those who want to memorize the answers to the questions just long enough to pass and those who cater to them.

The NCVEC <http://www.ncvec.org/> could have better spent the time in drafting a better set of instructions to its question pool committee. Compiling a list of proper terms and phrases for the VEs to follow in preparing the questions would have also been useful.

Q. Some of the "correct" answers in the new Technician question pool are downright wrong. Does our VE team have any discretion in the selection of the questions we administer?

A. Section 97.509(h) says that it is the administering VEs who are responsible for determining the correctness of the examinee's answers. Section 97.507(b) says that each question set administered to an examinee must utilize questions taken from the applicable question pool. There is no FCC requirement, however, that any question pool must contain answers, either correct ones or incorrect ones.

The VEC coordinating your sessions may impose such requirements upon you. Section 97.507(c) says that each telegraphy message and each written question set administered to an examinee for an amateur operator license must be prepared, or obtained from a supplier, by the administering VEs according to instructions from the coordinating VEC.

W3BE-O-GRAM: If your VEC requires you to award credit for incorrect or misleading answers, switch the coordination of your examinations to a VEC that does not make any such demand.

VE teams would better assist our amateur service by not administering any question from the Element 2 question pool unless it addresses at least one of the following basic issues:

- (1) A privilege afforded in the FCC Rules to a Technician Class Operator licensee.
- (2) A privilege afforded in the FCC Rules to an amateur station licensee holding a Technician Class Operator license.
- (3) A good engineering or good amateur practice to follow at an amateur station licensed to Technician Class Operator.
- (4) A duty codified in the FCC Rules for which the amateur station Technician Class Operator licensee is accountable.
- (5) A duty codified in the FCC Rules for which the control operator holding a Technician Class Operator license is accountable.
- (6) Technical knowledge necessary to the proper understanding of any of the above.

VEs would do well, moreover, to refuse to administer any question from any pool that addresses privileges or duties that are not committed to memory generally by amateur operators, but for which there are widely available reference materials; example: frequency bands and emission types charts. Suppliers of those helpful charts obviously realize that few memorize such detail.

Q. I checked the licensing statistics at <http://ah0a.org/AH0A.html>. The number of new licenses being issued, happily, is not significantly different than anytime in recent history.

The number of new licenses exceeded 2000 in 18% of the last 100 months. The percentage in 2005 was 42%! Leaving out 2005, the percentage of months with more than 2000 new licenses from January 1998 thru 2004 was about 15%, while the 2005 percentage was almost three times that number! So, it looks like ham radio is pretty healthy from that aspect. (Comment?)

A. Great news! A big thank you goes to Joe Speroni, AH0A, who provides us all with such myth-smashing statistics.

Q. There has not been a month since the AH0A records started where the number of existing Amateur Extra Class operator licenses has not increased. That is over 100 straight months of increased numbers of Amateur Extra operators! The number in December 1997 was 73,949; the number in December 2005 was 107,440 - up from 106,090 in December 2004. That is a growth of nearly 50% in 8 years.

W3BE-O-GRAM: There is nothing wrong with amateur radio that the arrival of more sunspots won't cure. We are in the best of times: More Amateur Extra operators than ever; a fantastic array of wonderful transceivers in smaller and smaller boxes; greatly improved antennas; incredible systems galore; etc. What we have been striving toward for the past Century is here, now. Enjoy it.

Q. The QPC members should hang their heads in shame for ruining the Technician Question Pool. There was nothing wrong with the former, abruptly-terminated, pool that could not be fixed by deleting certain questions. They should have at least left in some station hookup diagrams. (Comment?)

A. There haven't been any recent amendments to our FCC rules that would justify such a major overhaul of any question pool.

W3BE-O-GRAM: Therein is our mystery. The new Technician pool appears to be the result of a rush job for some reasons that have not been fully disclosed to us. There should be recall of the new Element 2 pool and a hold placed on all pools until the VECs can get their act together. While we must rely upon the pool, inadequate as it is, there are some things the VECs and VEs can do to help limit the damage. For information on this, my "Comments on the process of developing question sets from the new Element 2 Question Pool that goes on-line July 1, 2006" is available (in WORD) upon e-mail request.

Q. Will the FCC take back from our VECs the maintenance of the question pools?

A. That bridge has been burned. It was our own amateur service community that pleaded to take over maintenance of the pools in PR Docket No. 85-196. We asked the FCC for, and received, more flexibility in maintaining them in WT Docket No. 98-143.

W3BE-O-GRAM: We now have just what we asked for. We must demand that our VECs to make it work.

The New Element 2 Question Pool

Disturbingly, the new Pool addresses but three of the five principles for our amateur service in the United States: To provide a voluntary noncommercial communications service to the public, particularly in times of emergency; to increase the number of trained radio operators and electronics experts, and improve international goodwill. See T1A02 and T1A08.

It fails to mention Section 97.1(b), contributing to the advancement of the radio art and Section 97.1(c), advancing skills in both the communication and technical phases of the art.

W3BE-O-GRAM: Their omission evidently signals that the QPC has determined that these principles are impediments to achieving more growth.

The striking absence of math, diagrams and the other tools we use in understanding the technical phases of radio further supports this conclusion. Sadly, its action all but precludes the introduction of a truly entry level operator class.

This development becomes even scarier when you consider that should a one-class operator license structure eventually become a reality, it would very likely be Technician.

The pool contains questions that have nothing to do with operating an amateur station properly: the length of time a CSCE is valid for upgrade purposes (T1A05); the number of VEs and their operator class required to administer an Element 2 Technician written exam (T1A06); the vanity call sign "program (sic)" (T1B04); special event call sign eligibility (T1B06); grace period for renewing an expired license (T1D07); number of members for a club station (T2D06).

There are questions for which there is no correct answer given: "Where does a US amateur license allow you to transmit?" (T1C02). Overlooking for the moment the humorous misconception that people "transmit," rather than stations, the possible answers neglect the fact that the FCC is one of six governmental entities that have issued United States amateur service licenses. (The others are in places such as Antarctica, Pacific Trust Territories, Guantanamo Bay, etc. They are the Air Force, Army, Department of Interior, National Science Foundation, and Navy.)

"When are you allowed to operate your amateur station in a foreign country?" (T1B07) The correct answer, "only when you have permission to do so from the regulatory authority in the foreign country," is not a choice offered.

Then there are "trick" questions: "What is the minimum age required to hold an amateur license?" (T1D03) and: "When is an amateur station authorized to transmit information to the general public?" (T2A01).

Here's a freebie that practically anyone can guess correctly: "When may you deliberately interfere with another station's communications?" (T3D05).

In a series of five questions, T1C04 – T1C08, the impression is given that the relationship between frequency and wavelength is something that is established through the rulemaking process rather than being a mathematical concept.

W3BE-O-GRAM: The QPC probably met its stated goal "... to better position the Amateur Radio Service for growth in the years ahead."

Q. The call sign used by a new member of our club does not appear in the FCC's ULS. When we asked him about it, he claimed that he had arranged with the FCC to have his call sign "blocked," so that it would never be issued to anyone else. Is such possible?

A. Nope. Section 97.5, Station license required, says:

(a) The station apparatus must be under the physical control of a person named in an amateur station license grant on the ULS consolidated license database or a person authorized for alien reciprocal operation by Sec. 97.107 of this part, before the station may transmit on any amateur service frequency from any place that is:

- (1) Within 50 km of the Earth's surface and at a place where the amateur service is regulated by the FCC;
- (2) Within 50 km of the Earth's surface and aboard any vessel or craft that is documented or registered in the United States; or
- (3) More than 50 km above the Earth's surface aboard any craft that is documented or registered in the United States.

W3BE-O-GRAM: Always consult the ULS about any call sign. If it isn't shown, call Riley at 717-338-2502. Never rely on any "license" document, no matter how official-looking it may appear to be. Forgery is too easy.

Thanks to you, another pirate was caught. Still more would walk the plank if every ham did as you.

The ULS database is proving to be a wonderful tool for us to use.

APPRECIATION

Our R&R Superham-of-the-Month is our QCWA General Manager, Chuck Walbridge.

Thank you, Chuck and Janet, for the great work that you do for our QCWA. It is a great pleasure to work with you.

READ OUR RULES – HEED OUR RULES!

The reading, at least, is easier than ever. The

Government Printing Office has on-line a new Electronic Code of Federal Regulations that appears will be kept up to date. The rules that we have been accessing through the FCC site is update but once per year.

With your favorite engine, search for "GPO e-CRF." Then click on "Title 47," "Volume 5," then click on "Part 97." Bookmark for quick access.



Superham-of-the-Month, QCWA General Manager, Chuck Walbridge, K1IGD (L), with XYL Janet and W3BE in our new QCWA booth at the 2006 Dayton Hamvention.

Send your questions by e-mail to john@johnston.net.

QCWA STANDING COMMITTEE ORGANIZATION

COMMITTEE

ADMINISTRATION:

CHAPTER RELATIONS:

EXTERNAL RELATIONS:

FINANCIAL:

PUBLICATIONS:

CHAIRPERSON

ED YODER, W3YMB

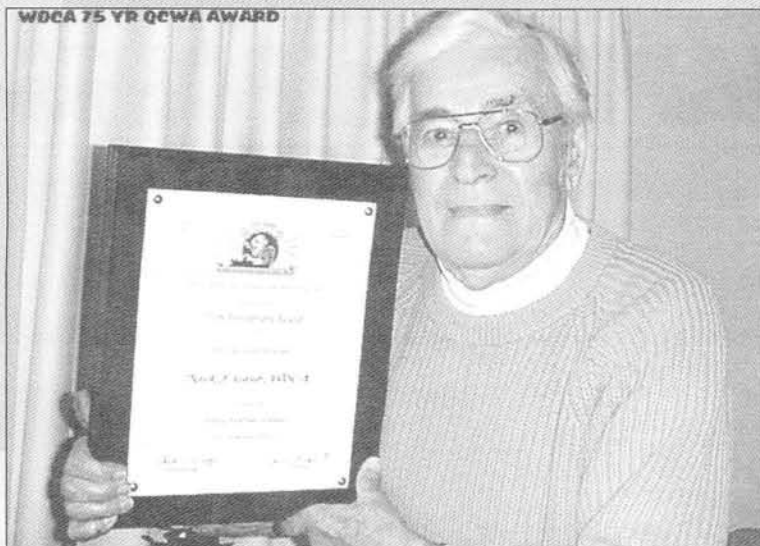
HAROLD CHASE, W1EES

LEN NATHANSON, W8RC

LEW GORDON, K4VX

BOB ROSKE, N0UF

Addresses for Chairpersons can be found at the listing for QCWA Officers and Directors. A complete listing of all committee members is available at the QCWA website, www.qcwa.org.



Congratulations to Nick Laub, W0CA!

Nick Laub, W0CA, with his QCWA 75-Year Award, is not stranger to receiving awards. Nick also received the AMSAT trophy in 1984 as winner of the 25th Anniversary Grid Square Challenge. In 1980, Nick received an award certifying the first W.A.C via satellite. Good luck Nick!

Be Cool and LOOK Cool This Summer!

A Golf Shirt (light gray) with a handsome reproduction of our classic Logo in Yellow and Black. This is a prominent way to identify yourself as a QCWA member at meetings, hamfests and conventions, or great for wearing at your local radio club.

The shirt has an embroidered QCWA logo and pocket on the left side. Your name and call can be added to the right side. The shirt fabric is 50/50 cotton/polyester blend and is made by Jerzees. The price includes prepaid delivery to your door.

SIZE CONVERSIONS:

- 34 - 36 = Small
- 38 - 40 = Medium
- 42 - 44 = Large
- 46 - 48 = XL
- 50 - 52 = XXL
- 54 - 56 = XXXL

PRICES:

Small, Medium, Large, Xtra Large	\$28.00
XX Large	\$30.00
XXX Large	\$32.00
XXXX Large (special order)	\$34.00
Name and call, per shirt	\$6.00

Golf Shirt With Embroidered Logo

Cotton/Polyester Made by Jerzee

Name _____

Call _____

Golf Shirt Size (Please circle proper size)

Small/Medium/Large/Xtra Large.....	\$28.00
XX Large.....	\$30.00
XXX Large.....	\$32.00
XXXX Large (Available on special order).....	\$34.00

Number of Shirts _____

To include your name and Call.....\$6.00
per shirt.

Total Amount _____

(Includes shipping)

Quarter Century Wireless Assn.Inc. PO Box 3247 Framingham, MA 01705-3247
Phone: 508-405-1930 Fax: 508-405-1965 e-mail: qcwagm@rcn.com
Home Page: www.qcwa.org



CHAPTER REPORTS

Chapter Reports are a very important part of the Journal. We would like to see regular reports from all Chapters. If your Chapter is not represented on these pages, please ask your Secretary to file a special report for the Journal. Please send the reports to Chuck Walbridge, General Manager, to arrive **NO LATER** than the following dates: January 1 for Spring, April 1 for Summer, July 1 for Fall and October 1 for Winter.

Chapter 1, Cleveland (OH)

A new Cleveland-area program designed to reverse the decline in Amateur Radio's growth rate is being co-sponsored by Chapter One. Radio clubs are participating in a cooperative effort to increase the amount of publicity activities to raise public awareness of ham radio. A key part is the establishment of a new "Elmer Corps" of volunteers, including local QCWA members, who will help interested persons prepare for the license examination.

One of the major promotional tools created for the program is the 21-minute video, "Amateur Radio: Wireless Window to the World." Chapter members viewed the video during its July 8th meeting. Copies are being provided to participating area radio clubs. DVDs also are available to other QCWA chapters, with details at www.neo-ham.org.

We welcome the chapter's newest member, Floyd Wimer, KC8ZOE.

D.E. "Dee" Logan, WIHEO

Chapter 10, Michigan (MI)

Michigan Chapter 10 met at Cadillac, MI, on May 06, 2006, for their annual meeting, election of officers, and QCWA service awards presentations. A total of 41 members and guests attend this event.

The election of officers resulted in the election of Douglas Almquist, WB8VOF, as President, and John Talboys, N8OR, Vice President, and James Bishop, W8JFB, Secretary/Treasurer, for the year of 2006/2007.

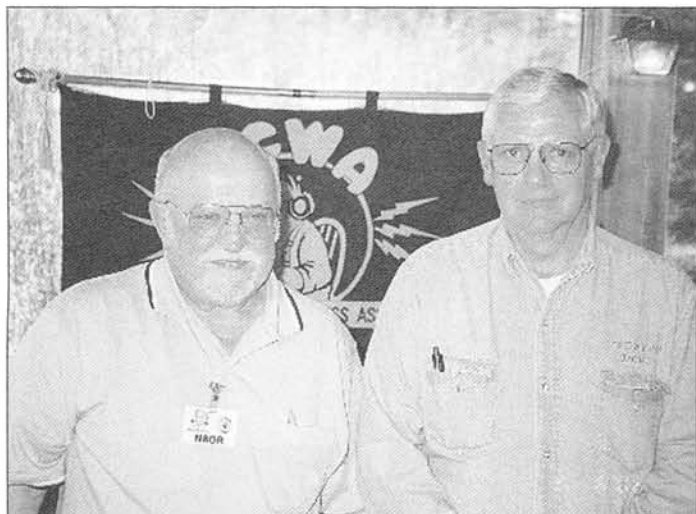
The presentation of QCWA service awards was highlighted by the presentation of the QCWA 75th Anniversary of Licensing Award to Alex, "Polly", Polityka, W8FLA, of Allegan, MI. Polly, who will be 94 years old in June, began his amateur radio legacy at the "ripe old age" of 18 years old in 1931. In addition to this award, he also received an Honorary Life Membership Certificate from the QCWA Board of Directors. Congratulations, Polly, we are all very proud of your achievements, and many contributions to QCWA and amateur radio.



(L) 94-year-old Alex "Polly" Polityka, W8FLA, proudly accepts his QCWA 75th Anniversary of Licensing Award, and in addition, he was presented a "Honorary Life Membership Certificate" from the QCWA Board of Directors.

Other QCWA service awards presented were as follows: Grant Pearce, W8GEP, received the QCWA Chapter 10 Meritorious Service Award for 2005, in recognition of his services to the survivors of Hurricane Katrina, and to his many contributions to our Chapter activities. Thanks, Grant, for a job well done.

Myriam Gregg, K8ILN, received the QCWA Century Club Award. The QCWA 65th Anniversary of Licensing Award was presented to John Wasmuth, W8BP; Donald F. Christensen, W8WOJ; and Clifford Graff, W8QM. The QCWA 55th Anniversary of Licensing Award was presented to Lowell Corbin, W8IQB, and Wayne Huhta, W8GXB. The QCWA 50th Anniversary of Licensing Award & 50th Anniversary of Continuous Licensing Award, were present-



New Officers for 2006-07 are (L) Vice President John Talboys, N8OR; and (R) President Doug Almquist, WB8VOF.



Thomas Sorrick, W8IZS, with his xyl, Donna, receives his QCWA 50-Year Continuous Licensing Award.

ed to Arnold Newman, W8KZB; George Rouman, W8OWN; Ned Newlin, W8VFM; and Robert Wittla, W8KP. The QCWA 50th Anniversary of Licensing Award was presented to Alan Scott, W8KIZ. The QCWA 50th Anniversary of Continuous Licensing Award was presented to Donald Christensen, W8WOJ; and Thomas Sorrick, W8IZS.

Over the past year, Chapter 10 has recruited 21 new members, bringing our total membership up to 112 active, paid up members. Thanks to all the members who have helped in the recruiting process for a job well done.

We would like to invite everyone to join us on our new cw net, which meets every Saturday evening, at 8:00 PM, local time, on 3.535 MHz. It is an informal, slow-speed net, and we do not handle traffic. So dig out those keys and help do your part in keeping cw alive and well and join us in the fun.

A more comprehensive report, along with many pictures, may be viewed on the Chapter 10 webpage on the National QCWA website at: www.qcwa.org, click on "SITE INDEX", then click on "CHAPTER 010". On this site, we will share with you the methods we use for recruiting new members and information on forming your own chapter cw net.

Seasons Greetings to all from Michigan Chapter 10.

James Bishop, W8JFB, Secretary/Treasurer

Chapter 20, Baltimore (MD)

On June 11, 2006, Baltimore Chapter 20 held their Spring buffet at the Historical Electronics Museum. A total of 22 members and guests were in attendance.

Jim Cross, W13N, the ARRL Section Manager for MD-DC gave a talk on the need for volunteer leadership. Attending with Jim was his XYL Laurel, ARRL Atlantic Division Vice Director Tom Abernethy, W3TOM and XYL Debbie, were also in attendance.

President John Johnston presented Rocky Jones, KC4UXO, with a Presidential Award for her part in holding classes for new hams and those that upgrade. Rocky is a member of the Montgomery Amateur Radio Club.

JOIN THE AWA

ANTIQUE WIRELESS ASSOCIATION

The original and largest historical radio-collector group

- Publishes *The Old Timer's Bulletin*, Marc Ellis, Editor, with:
 - Old-time amateur-radio contests
 - Communications receivers
 - Battery and AC receiver restoration
 - Vacuum-tube history and collecting
 - Free want-sell-swap ads
 - Early television
 - Horn loudspeakers
 - News of U.S. and foreign clubs
- Produces the famous annual Rochester meet
- Maintains unique radio-TV museum

Membership is only \$20 per year in the US (\$25 elsewhere)

Write to:

Antique Wireless Association, Inc. • Box E, Dept. 3
Breesport, NY 14816 <http://www.antiquewireless.org>



Chapter Reports

Chapter 20 will be announcing their next Summer picnic soon.

Chapter 20 meets every Monday at 12 noon at Cactus Willies Steak & Buffet, 7315 Ritchie Highway, Glen Burnie, MD, 21061. XYs invited, especially on the 1st Monday of each month.

Les Jamison, WR3X, Secretary/Vice President

Chapter 21, Canton (OH)

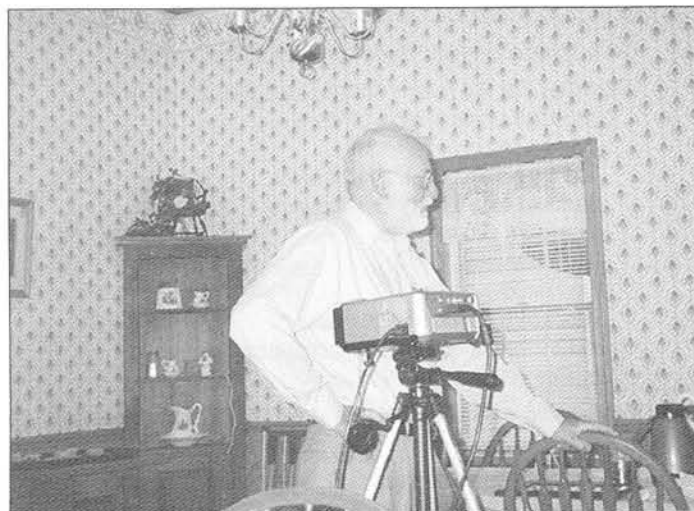
The regular quarterly meeting of QCWA, Chapter 21, Canton, Ohio, was held on June 3, 2006, following dinner at the Das Dutch Restaurant, Dalton, Ohio. President Kay McCune, W8LNK, presided for a business meeting. There were 22 members and guests present.

President McCune presented the 65 Year Anniversary Certificate to Jack Bennett, W8WEN. A Century Club Certificate was awarded to Joseph Vignos, W1FEZ.

The program was presented by Mel Vye, W8MV,



President McCune (right) presenting the Century Club Certificate to Joseph Vignos, W1FEZ (left).



Mel Vye, W8MV making his presentation.



President McCune (right) presenting the 65-Year Anniversary Certificate to Jack Bennett, W8WEN (left).

about his Dxpedition to Peter 1 Island last February with a large group of hams. He used a PowerPoint presentation for pictures of the trip. They used the call 3Y0X. You may go to www.peterone.com to find the whole story.

Prizes were awarded.

The Chapter 21 webpage is at www.cmh.net/qcwa.

David Glass, W8UKQ, Secretary

Chapter 28, Central New York (NY)

The Spring luncheon of Chapter 28, Central New York, was held in Vestal on April 21st with twenty-seven members and guests at the seafood table (several ordered steak or chicken). The Chapter has grown to forty-nine members with seventeen members present. Three senior members were selected to be Emeritus Members of the Chapter.



Front row L-R: WB2SYQ, W3BKF, K2TDV, W2FND. Center row L-R: WA4PHM, WA2FBT, K2TAE, WB2GHH, W2MTA, K02Q, N2NW, W2VDX. Back row L-R: W2YFB, W3SW, K2ABX, K2QR.

QCWA Anniversary Awards were announced and presented with 50th Anniversary Awards to Elwyn Erway, K2TAE; Jerry Adams, K2TDV; Michael Gazy, W2FND; and Earl Foster, W3BKF. Fifty-fifth Anniversary Awards presented to Paul Fisher, K2ABX; Frank Roney, KO2Q; Raymond Rinker, W2FJB; and Vincent Homer, Sr., W3HGS. Sixty-fifth Anniversary Award to Robert Groh, W2IFA. QCWA Century Club Awards to Frank Roney, KO2Q, and William Valky, K2MFB.

New members Albert Miller, WA2FBT; Michael Gazy, W2FND; Richard Farman, K2QR; Jerry Adams, K2TDV; and Robert Vasilow, W2VDX; were welcomed into the Chapter.

Final plans for the Summer picnic at Newfield on August 19th were discussed. Host Joseph Zawislak, W2IFB, has all in readiness for the hungry crew.

William Thompson, W2MTA, Secretary

Chapter 30, West Virginia (WV)

A very unique event took place in our Chapter that may have been a "first ever" for amateur radio and will definitely be very hard for others to duplicate. Ruth Rice, K8ARA, and her daughter Judy Talago, K8AVP, both received their 50-Year Certificates at our Chapter's Spring gathering. Ruth is the matriarch of a large family of at least a dozen hams. Her husband was Vaughn, W8VOI, who is now a Silent Key. Three other daughters have also held tickets, i.e., Cindy (SK), K8WOD, and her husband Jay, KB8YQR; Linda, N8XXH, and her husband Gene, KC8PXN; and Vonda, KC8HUR. There are two granddaughters licensed also. They are Beth, KA8NHD, along with Joni, KB8PQF, and her husband Rick, KC8HFN. There is also one grandson, Rick, N8VZH. Last, but not least, there is Stan, W8PRM, Judy's husband who received his 50-Year Certificate last year. Congratulations



Ruth Rice, K8ARA, and daughter Judy Talago, K8AVP, receive their 50-Year Certificates.



Art Ellis, W8PBO, on the right, presents a 50-Year Certificate to Joe Anderson, K8BCH, with his wife Thelma by his side.

to Ruth and Judy!

Joe Anderson, K8CBC, received his 50-Year Certificate in March of this year. Joe is a retired electrical supervisor and worked in the construction industry for many years. He and his wife Thelma are enjoying retirement living in the Charleston area. Congratulations Joe!

I regret to report our Chapter member and friend Archie Carpenter, W8GWR, became a Silent Key in June. Archie had battled lung cancer the last two years. We will miss his friendly smile and that special fist on CW that often mixed in a little American Morse from his days working as a railroad telegraph operator.

Our Chapter had a good turnout for our meeting at Jackson's Mill in August. Don't forget our Fall gathering coming up. Watch for an announcement in our Chapter Newsletter for the date, time, and location.

Dave Mays, W8UI, Secretary/Treasurer

Chapter 45, Citrus (FL)

The last three months have seen the Citrus Chapter continue to grow. We now have over 60 members. I think a great part of our success is due to the enthusiasm and support of the families of our members. We regularly have about a half dozen guests at our monthly meeting who are spouse, child, and even parent of a member. Once a quarter, we meet on a weekend to encourage more families and friends to participate. It is in this context that we mourn the passing of two family members, Peg Taylor (XYL of Cloyd Taylor, W4EWZ) and Rose Jeck (XYL of George Jeck, SK ex-W2IQE). Both ladies were so much an active part of the group that they will be sorely missed.

On a brighter note, two of our members were recipients of QCWA National Awards. Quentin Jones, KU4WD; and Mort Cohen, WA2ARS, our Treasurer, in conjunction

Chapter Reports

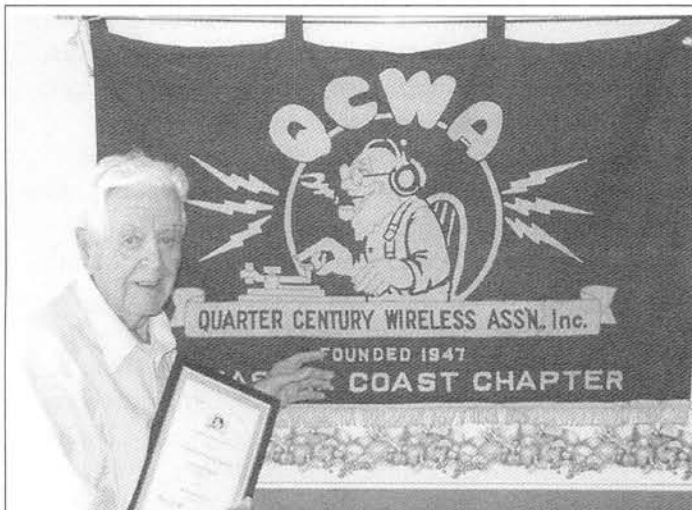
with his wife Roberta. Alas, Quentin has moved to Tennessee, where I'm sure he will remain a live wire. Al LaPeter, W2AS, presented the President's Award to Mort and Roberta Cohen. Mort and Roberta, as a team, are part of the essential glue that keeps our Chapter running.

We meet on the third Wednesday of every month at the Holiday House in Winter Park, FL and we welcome you all. We always have an interesting program, good food and lots of cheer.

Emmett Ward, WASEWN, Secretary

Chapter 48, Treasure Coast (FL)

On April 20th, 2006, QCWA Chapter 48 was proud to present the 70-Year Licensed Amateur Radio Operator Award to Burt Lawton, W2JLO. Burt gave an interesting talk about his years in radio. We all celebrated with cake and coffee at our weekly luncheon in Vero Beach. Burt is



Burt Lawton, W2JLO, with his 70-Year Award.



Chapter 48 Officers VP Dick Kessler, K9BTU; President, Joyce Anderson, K4EER; And Sec/Treasurer, Woody Anderson, K4EBK.

looking forward to his 75-Year Award and of course, another chocolate cake.

We are saddened to report the loss of another member, Stanley Bittner, W4JKK. Stanley passed away at the young age of 89 years. He was a pilot in the Ferry Command of the U.S. Army Air Corps in WWII. Stanley was a regular check-in on the Treasure Coast net on 40 meters.

Our weekly Luncheon of QCWA and other Amateurs from the area, is still going strong (despite the snow bird migration) every Thursday at the 2002 Restaurant on the Miracle Mile in Vero Beach. It is scheduled as a luncheon, but you better be early to get a good seat.

Woody Anderson K4EBK Secretary/Treasurer

Chapter 53, Suncoast (FL)

I must apologize for "oversleeping" and forgetting to send in our First Quarter Chapter Report. As we had some very good programs during that period, I hope you will come along as we go back to January and venture forward to the present.

Our 04 January 2006 luncheon meeting was attended by 34 members and guests. It turned out that this was the "free lunch" meeting which we had been promising the members. After the short business meeting, Hans Napfel, WB2ZZB, awarded us with an excellent Power Point presentation on "Early Radio." This presentation, which represented extensive research by Hans, went back to the discovery of electricity and moved forward in time to the founding of the ARRL. Photos of the pioneers in communication and wireless were shown, and the voices of Edison and Marconi were heard. Truly a fascinating presentation!

Our 01 February meeting was attended by 31 Chapter members and guests. Joe Thiel, WA1VNP, gave a very good discussion of his training and participation in his neighborhood Community Emergency Response Team (CERT), and showed a video of a typical CERT group in action. Joe then distributed brochures on CERT that were published by both the Florida Department of Community Affairs and the Sarasota County Emergency Services. We had 22 members and guests present at our 01 March luncheon meeting. Just before our program, Joe Thiel, WA1VNP, passed around an electronic item to see if anyone could identify it. Lacking correct identification, Joe stated that it was the element from a microwave oven. Bill Schlapfer, KA2HEA, assisted by Hans Napfel, WB2ZZB, then gave a very informative digital slide show presentation showing photos of his 2005 visit to France and Switzerland.

We outdid ourselves when 36 members and guests showed up for our 05 April luncheon meeting. They sure

were'n't disappointed when Ed Allen, WA4ISB, gave a very intriguing Power Point presentation on "Installing Multi-Ton Commercial FM and TV Antennas on Tall Towers." In addition to the outstanding photos, Ed provided details on the towers, the installation procedures, and tales of his experiences as Chief Engineer with Cox Broadcasting Corporation in Tampa.

We wrapped up our "season" with our 03 May luncheon meeting, which was attended by 19 members and friends. No formal program was scheduled, but varied comments were offered regarding members' plans for the Summer months.

07 June 2006 found 14 Chapter 53 members and friends at the Panda Pavilion Chinese Buffet in Venice, FL, for the start of our informal Summer gatherings. We meet here at 11:30 AM the first Wednesday of the months, June through September. Come October, we will return to our regular venue, Denny's, 3701 Bee Ridge Road, Sarasota, FL. All QCWA members living in, or visiting, the Florida Suncoast area are always welcome. Please contact the undersigned at w4js@juno.com if you would like to join with us any month of the year.

Jack Sproat, W4JS, President

Chapter 63, Central Oklahoma (OK)

The Central Oklahoma Chapter 63, Quarter Century Wireless Association, held their quarterly meeting Saturday, April 15, 2006, at the Hometown Buffet. This meeting celebrated the thirty-third anniversary of the club, and coincidentally, the initial meeting was also on April 15. There were thirty members and guests in attendance, including two of three living Charter Members, George Lagaly, W5NTL, and Red Maier, W5RDE. Gil Wood, W5NUT, was unable to attend.

After lunch, the members present were invited to share who was their first amateur radio contact when they were first licensed. Some really interesting stories were told as each reminisced about their early contacts and how they became interested in amateur radio.

Certificates were also given to members licensed for 50 through 75 years. Those receiving 50-Year Certificates were Don Rooker, NO5M; Ron Cron, W5CFN; Gene Nailon, K5DLE; and Hal Hefner, W5EJE. Others, not present, were Ernie Wolf, K5YKD; Rick Vidmar, K9KK; Jim Coe, W5JI; Frank Phillips, AB5J; James Lollar, K5GKR; Virgil Tipton, K5DYA; Bill Lonkerd, K5DHA; Harry Callaway, K5ASW; Howard Bradley, WB7BIU; and C. L. Hallmark, W5ZWM.

A 55-Year Certificate was given to Red Maier, W5RDE. The following were not there to receive their certificates: Don Foster, K5KW; Cecil Cash, W5PML; John Winter,



Shown left to right is Harold Hall, KA5AGM, QCWA Chapter 63 President, Mae Clark, holding her corsage for 53 years support, and George Clark, W5JJK, recipient of a plaque for being licensed as a radio amateur for 75 years.

K5CT; Rex King, W0CKK; and Jim Speck, W5AI.

Those receiving 65-Year Certificates were Father Joe Kolb, W5JEB; and Elmo Black, W5JCB. A. C. White, NE5T, was not present to receive his Certificate.

Bill Rogers, WA5RAQ, earned a 70-Year Certificate but was unable to attend.

George Clark, W5JJK, Bethany, received his 75-Year Certificate. Afterward, George said "The good thing is that now I am a life member and do not have to pay dues to either the local Chapter or the National Organization." George also was presented a plaque as is shown in the picture. George's wife, Mae, was presented a corsage for her support for George as a radio amateur the past 53 years.

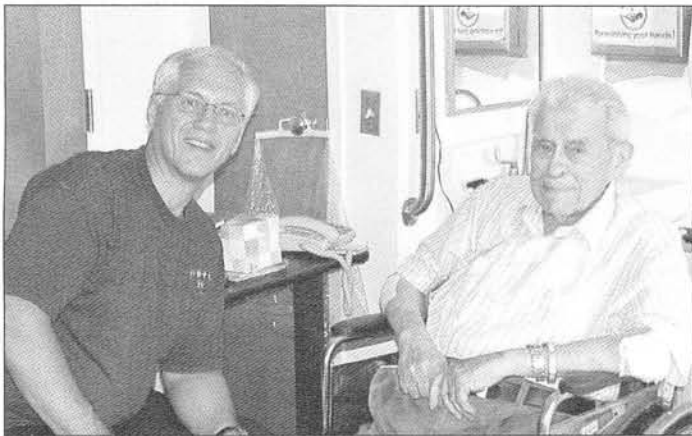
Norman M. Wilson, W5FLO, Secretary/Treasurer

Chapter 65, Niagara Frontier (NY)

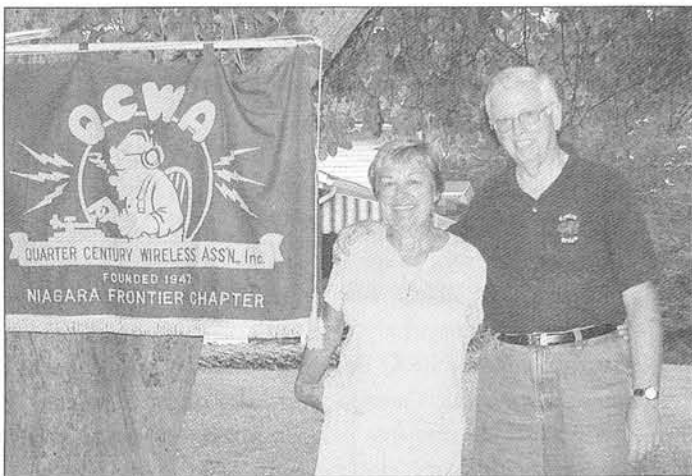
We are saddened by the loss of another long-time member, Ray Ernst, W2TAX, and XYL Anna, both at 98. They passed away within one day of each other, after 76 years together. They were interviewed on Buffalo TV CH.4 on Valentine's Day, during which Ray discussed ham radio and displayed QSL cards.

WA2ARA and XYL Kathy recently traveled to Horseheads, NY to visit with long-time member Hank, W2IRU, and XYL Margaret. Hank has had serious health problems and is now confined to a nursing home. A ham since 1933, Hank spent 47 years as a volunteer reader of ham magazines for the blind, and was a BC engineer for WEBR/WNED for 43 years.

Gil Brink, W6BNW, also was cited for his volunteer efforts. He received the coveted Jefferson Award from the Buffalo News and WNED-TV, for helping the Meals on



Larry, WA2ARA, visits Hank, W2IRU, at nursing home in Horseheads, NY.



Dan, N2DC, and XYL Rita, again hosting our annual picnic at their QTH in East Aurora, NY.



Bob, W2KKZ, and Marv, W2WKU, enjoy their potato soup at our monthly luncheon.

Wheels program and as a literacy volunteer for international students. Congrats, Gill!

Our monthly luncheons have been popular at Brennan's Bowery Bar at Main and Transit in Williamsville, NY on each second Saturday at noon. All are welcome!

Also, all check-ins are welcome for our weekly net at

1330L time on Sundays at 3900 KHZ, using club calls W2SD. President Tom Whalen, W2QL, another long-time BC engineer, does a fine job as net control op.

Larry Rybacki WA2ARA, Vice President/Acting Secretary

Chapter 73, Fred Hammond

Our Spring meeting was held on Saturday, May 6th, 2006, at the Plainsman Restaurant near Clappison's Corners, Ontario, with 72 members and guests in attendance. President, Tom Atkins, VE3CDM, presided.

Silent Keys reported were Terry French, VE3OB, and Peter Flanagan, VE3AYF.

Mary Card, VE3FEB, reported that our Chapter Scholarship Committee will select four recipients this year with a possible 5th as a result of individual donations at this meeting.

Our guest speaker was Dr. Gordon Hayward, VE3EOS, who told us about some very unusual uses for quartz crystal oscillators. It seems that if you run them outside of their holders and drop a small amount of brain fluid into an attached glob on the side, the resulting rate and change of frequency can detect Mad Cow disease and sheep scrapie. He did not elaborate on how the animals felt about this, but the implications on biological research are extensive. A detailed biography of Dr. Hayward is available on our chapter web site, www.qcwa.ca.

The highlight of Certificate presentations by President Tom, VE3CD, was a 75-Year Certificate to Gordon MacPhail (see photo below). This came with a Life membership and plaque at the courtesy of QCWA.

Century Club Awards were presented to Martin Rosenthal, VE3MR; George Towns, VE3NIJ; and Bruce



President Tom Atkins, VE3CDM, presents 75-Year Certificate to Gord MacPhail, VE3IH.



Jim, VE3ERA; Bruce, VE3ANU; President Tom, VE3CDM; Gord, VE3IH; Ernie, VE3OU; and Bob, VE3XM.

Underwood, VE3ANU.

70-Year Awards were presented to Gord Barber, VE3AAH; Bill Booth, VE3AAA; the late Terry French, VE3OB; Fred Lewery, VE3FGJ; and Bill Loucks, VE3AR.

60 Years to Court Broad, VE3AZ, 55 Years to Bob Abell, VE3XM, and 50 Years to Jim Anderson, VE3ERA and Ernie Crump, VE3OU

After lunch we had a prize draw where everyone was a winner and some twice, due to the efforts of our new Prize Chairman, Bert Almemo, VE3OBU.

Our next meeting will be on 14 October 2006.

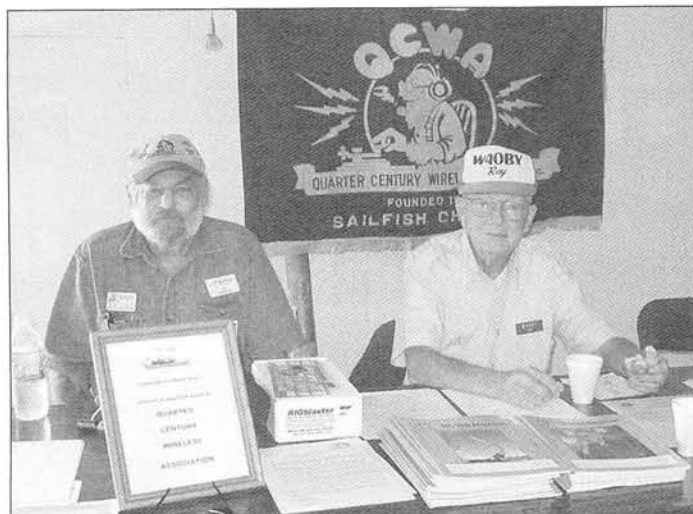
Keith Bentley, VE3DHL, Secretary/Treasurer

Chapter 82, Sailfish (FL)

On March the 18th. Sailfish Chapter 82 had our yearly QCWA information table at the Martin County Fairgrounds in Stuart, Florida. Held by the Martin County Amateur Radio Association. The weather was excellent and the turnout very good. Our QCWA table was



L to R: Bernard Schreiber, W2QFQ, with his 60-Year Certificate, and Norm Dias, W1UHY, showing off his 55-Year Certificate.



L to R: WB1HJC, Bob Stein, and W4OBY, Ray Sipprell

manned by WB1HJC, Bob Stein Chapter President; W4OBY, Ray Sipprell, and Secretary/Treasurer, W1UHY, Norm Dias. We gave out the typical information to all who stopped by to say hello. It was a very enjoyable day.

At the May meeting held at the Flashback Diner in Stuart on the 19th, two Certificates were given out. A 60-Year Certificate given to W2QFQ, Bernard Schreiber and a 55-Year certificate to W1UHY, Norm Dias. Our next meeting will be at the Flashback Diner in Stuart on the 20th of October at 11 AM.

Norm Dias, W1UHY, Secretary/Treasurer

Chapter 89, South Carolina (SC)

The June meeting of South Carolina Chapter 89 was held June 17th, 2006. Our meetings are usually held the last weekend of the month, however, due to field day it is moved up to the weekend preceding field day. The Fire Mountain Grill in Columbia proved to be a very nice place for our get-together. Good food, private dining rooms and a convenient central location make this a good substitute for the old Hill Top Steak house.

No formal program was presented for this meeting and we had a general eyeball QSO with old friends. Several topics were offered for general discussion. Bryce Myers, K4LXF, brought us up-to-date on the progress of the repeater-linking program in the Charleston area.

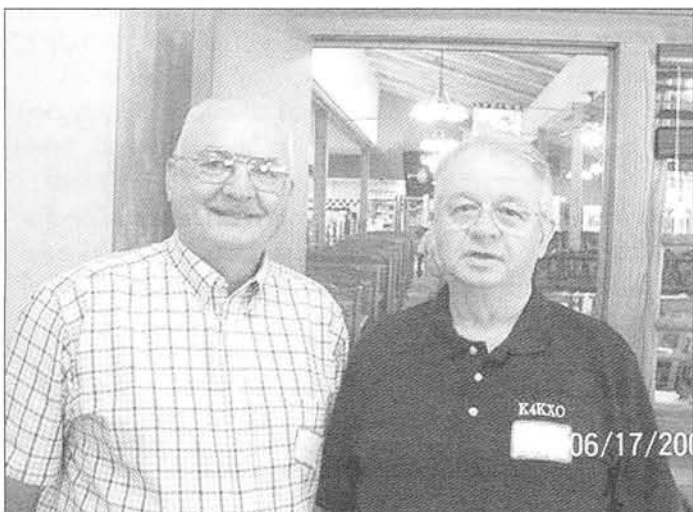
Winston Lancaster, N4WL, led a discussion on field day operations concerning placement of HF antennas and portable operations.

Bill, W4DDK; and Cindy Horton, WD4JJA, are long-time members of the Saturday morning phone net but this was the first time they have attended one of our get-togethers. We welcome them and are looking forward to many more eyeball QSOs with them.

The passing of Arthur Winter, W2ADB, at age 96,



Bill Horton, W4DDK, and Wife Cindy, WD4JJA.



Jim Hill, W5AQP, Sec/Tres. (L); and Ken Ferguson, K4KXO, President.

was a sad occasion for us. One of the last old-time members of the Sunday afternoon CW net, Ace passed away the first of June. His article on the early days of radio ship-to-shore operations recently published in the Journal was interesting and humorous. He moved into an assisted living facility after a long hospital stay and had to give up ham radio.

This is a good time to remember the members who have become Silent Keys since I have been a member of the CW net. Linn Sykes, N4LS; Joe Walker, W4DNR; Ralph Scott, K4AWY; Tom Wingo, W4MFR; Wells Burton, N4EE; Joe Churan, K4FNH; and of course, Ace. We would also like to remember Frank Woolridge, W4IZD. Frank became a Silent Key last year, and while he was not a member of the CW net, was very active on Saturday morning phone net.

This list does not include all that have become SKs recently. These are the ones who were regulars on South Carolina Chapter 89 nets. With these members passing away, and with those who have moved out of state, the

CW net activity for our Chapter was discontinued last year. The Saturday morning phone net continues with good participation and I hope will continue to be supported, although it would be nice if more of our members would come aboard and support the phone net.

The next meeting will be held the last weekend in September at the Fire Mountain Grill on Bower Parkway near Columbiana Mall in Columbia. We look forward to seeing you there.

Ralph Mott, N4RM

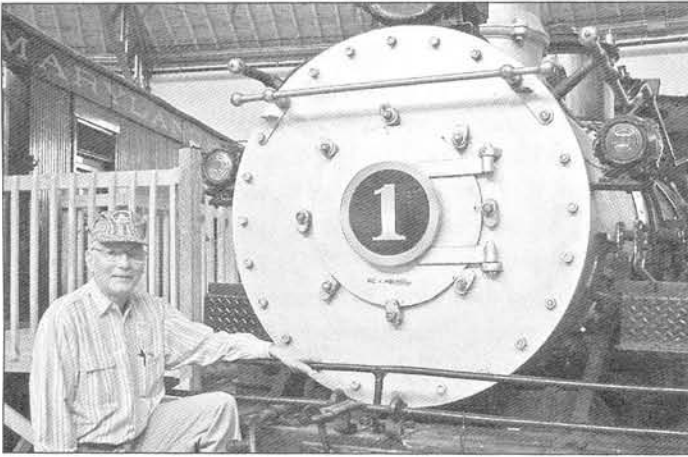
Chapter 91, Vic Clark (VA)

In April, members of Vic Clark Chapter 91 took to the road on a field trip to the recently restored Baltimore & Ohio Railroad Museum, located in Baltimore, MD. It is the oldest and most comprehensive American railroad collection in existence, and its 40-acre campus in the Camden Yard neighborhood of Baltimore is regarded as the birthplace of American railroading. The Museum maintains nearly 200 cars and locomotives encompassing a time period from 1830 through the present day.

We last visited the B&O R.R. Museum in October, 2001, sixteen months before the roof of the Museum's 1884 Baldwin Roundhouse collapsed under the weight of snow that had drifted 6-feet deep during a record-breaking storm on President's Day, Feb. 16, 2003. Several artifacts were damaged, but most have been carefully restored and are back on display inside the fully refurbished and operational roundhouse, which encloses more than an acre and stands 125 feet high. The turntable has been restored with a beautiful, varnished wood floor that is a pleasure to look at, and is now equipped with a special viewing window in the center of the floor so visitors can see the floating bearing upon which the huge turntable rests and rotates.

Some of the interesting exhibits we saw included the boiler from the 1828, British-built, 'Stourbridge Lion,' the first steam locomotive engine run in America; Peter Cooper's 'Tom Thumb' engine from 1830; the 'Lafayette,' first of the 4-2-0 "One-armed Billys"; and a re-created railroad telegraph office, complete with desk, key, and sounder. In addition to viewing the Museum's wonderful collection, Chapter 91 members enjoyed a short train ride along the route of the first commercial railroad track in American history, a 1.5 mile stretch in the city of Baltimore, terminating at a site where the first stone of the original B&O railroad was laid on the 4th of July, 1828. After the Museum tour, we stopped in at the Timbuktu Restaurant in Hanover, MD, and enjoyed a tasty lunch of crab cakes.

In May, Chapter 91 we met in Vienna, VA for a regu-



That's Dick Rucker, KM4ML, Chapter 91's Webmaster, standing next to his favorite engine, the "4-6-0" Clinchfield No. 1. Photo courtesy of the B&O Railroad Museum.

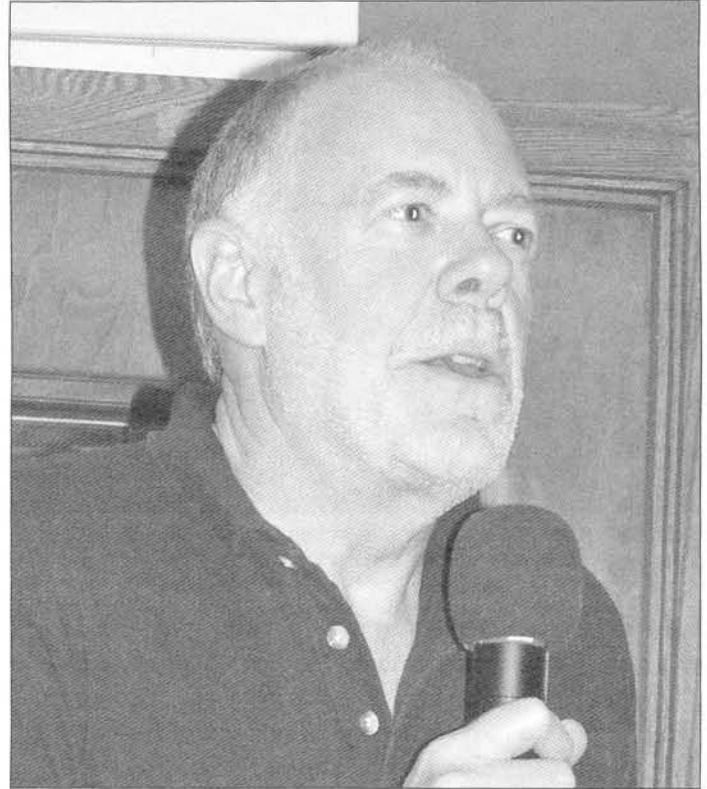
lar, monthly lunch meeting, joined by QCWA President, John Johnston, W3BE, and his wife, Betty Johnston, N3PKX. John spoke briefly on topics of general interest to QCWA, and then presented the 2006 Presidential Honor Award for "continuing and extending the amateur operator's unique ability to enhance international goodwill" to QCWA Chapter 91 President, Ray Johnson, K5RJ, in recognition of his active participation in amateur radio communications worldwide.

Our featured speaker for the May meeting was Jim Scott, KG6EFT, Vienna (VA) Wireless Society, on "Winlink 2000 and Medical Missions to Honduras." Jim is a member of International Health Services (IHS) of Minnesota, an all-volunteer organization that undertakes medical relief missions to Honduras twice a year. IHS provides free medical and dental care in areas where other groups do not go, and their mission is to improve the quality of life among the people of Central America.

Jim provides the medical teams with communications



John Johnston, W3BE, QCWA President, presents the 2006 Presidential Honor Award to Ray Johnson, K5RJ, President, Chapter 91.

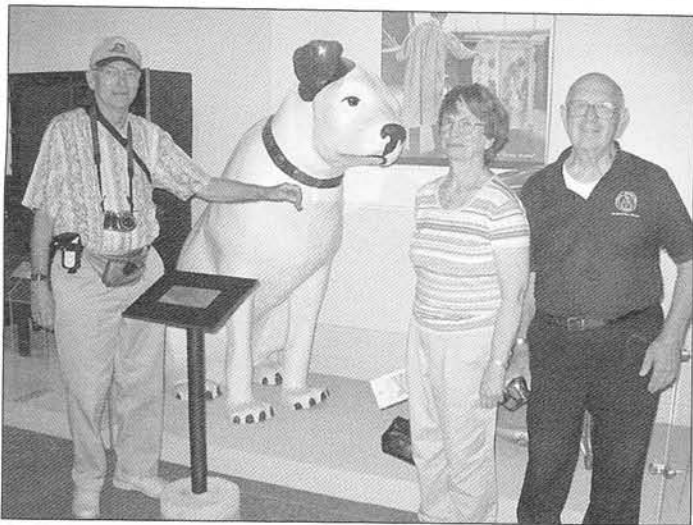


Jim Scott, KG6EFT, speaking on Winlink 2000 digital communications in support of medical missions to Honduras.

via Winlink 2000. He described Winlink as a volunteer designed, maintained, and operated system for delivery of email and emergency communications. It allows anyone with a ham radio license and the proper equipment to send and receive ordinary email anywhere in the world. Winlink now plays a major role in medical, humanitarian, and missionary missions to third world countries. Ocean-going sailors also depend on it for weather reports, forecasts and weather maps, as well as exchanging email with family and friends. Jim's portable Winlink station consists of an ICOM IC-706 MkIIIG transceiver, LDG antenna auto-tuner, G5RV antenna, SCS PTC-II Pactor III controller, PC laptop computer, and 12-hour uninterruptible power source.

Jim's slide show included photos of the IHS Headquarters in La Ceiba, Honduras, plus images of the medical teams in action in the village of Uhi.

In June, Chapter 91 hit the road for a double-header tour, with stops at the Johnson Victrola Museum in Dover, DE, and the Princeton Plasma Physics Lab in Princeton, NJ. The Johnson Victrola Museum, created in 1967, bears the name of Eldridge R. Johnson, inventor, businessman, and philanthropist, who founded the Victor Talking Machine Company in 1901. The company was later sold to the Radio Corporation of America and became RCA Victor. The Museum displays a fantastic assemblage of Victrolas, Gramophones, and other related equipment, from Johnson's personal collection and others, including



Posing with Nipper, the RCA Victor mascot, are Dick Rucker, KM4ML, left, and John Reiser, WQ4L, right, with his wife, Patricia.

Lynwood Heiges. Visitors can see a 1920's Victrola dealer's store, photos, memorabilia, and can hear several of the antique "talking machines" playing Victor recordings. On display is a large collection of artifacts of the famous dog, Nipper, listening to "His Master's Voice" on the Victrola.

We had a wonderful time seeing and hearing these beautifully restored devices, which also included some made by Thomas Edison. After the Museum tour we had a "home-cooking" style lunch at the Amish restaurant and butcher shop at Spencer's Mall, just 2 blocks down the street.

The next day we visited the Princeton Plasma Physics Lab (PPPL) located on the 88-acre James Forrestal Campus, about 4 miles NE of the main Princeton University campus. The lab employs over 400 scientists, engineers, students, and staff, and its primary mission is to develop the scientific understanding and key innovations which will lead to an attractive fusion energy source. Our tour guide was John DeLooper, an engineer at PPPL. After seeing an introductory video in the Lyman Spitzer Bldg., John took us down a 580-foot tunnel to the fusion lab building where we donned hard-hats and met face-to-face with the National Spherical Torus Experiment (NSTX), a \$25 million, 1.5 stories tall reactor that produces a spherical shaped ionized gas (plasma) resembling a cored apple. By fusing the hydrogen isotopes, deuterium and tritium, at 40 million degrees Kelvin, the reactor is capable of momentarily generating 1.4 million amperes of current.

Under construction on-site is the newest fusion test reactor, the National Compact Stellarator Experiment (NCSX). The new design optimizes the best shape for magnetic confinement and reduces the overall cost of the reactor. The plasma resembles a twisted doughnut and will use super-cooled coils wound in an unusual "Mobius strip" configuration to control the toroidal fusion plasma.

The original Tokamak Fusion Test Reactor (TFTR), which was used from 1982 – 1997 and is now decommissioned, laid the groundwork for the NSTX and NCSX reactors. The TFTR demonstrated plasma containment concepts, fusion fuel handling, and in 1994 demonstrated the ability to generate 10.7 million watts of power. By 1995 it set a laboratory high-temperature record at over 500 million degrees Celsius.

While in the Princeton, NJ area we also visited historic Nassau Hall on the Princeton University campus, Albert Einstein's house on 112 Mercer St., and lovely Princeton Battlefield State Park.

For more information on these tours, and to see more photos, we invite you to visit the Chapter 91 website at <http://homepage.mac.com/rucker/chapter91.html>

Len Hook, KG6ZR, Vice President

Chapter 102, Dakota (ND/SD)

Chapter member Scott Rausch, WA0VKC, of the Northern Hills ARC, organized a project to remember local amateurs interred in the Black Hills National Cemetery. Scott requested fellow amateurs throughout South Dakota to notify him of hams buried in the National Cemetery. A list of 23 hams was compiled, and prior to the Memorial Day holiday, flowers were placed on each ham's grave. The club intends to make the project an annual event. The idea for the project came about when the club lost one of its active members to cancer earlier this year.

Bill Bosch, KOUB, and other members of the Theodore Roosevelt ARC in North Dakota, completed their emergency cargo trailer project. He said they store three tents and a lot of their emergency ham radio gear in this trailer. They now have their gear better organized and easier to transport when necessary.

Jody Rausch, WBOQVE, of the Pierre ARC, participated in a tabletop exercise in April with the Hughes and Stanley County ARES, Red Cross and Emergency Management groups. The exercise featured a simulated weather emergency involving storm damage to various parts of the community. As a volunteer with the local Humane Society, Jody also assisted with planning for temporary shelter arrangements for displaced pets and livestock.

Dan Richmond, W0NBX, and myself were part of the Black Hills ARC VE Team who administered Amateur Radio exams at the SD School of Mines on Saturday June 10, 2006.

Scott Rausch, WA0VKC, participated in amateur activities to support the Big Mick bicycle ride in June. The Big Mick is a 100-mile bicycle ride from Deadwood to Hot Springs, SD, along the historic Michelson Trail. This year

70 bike riders participated. Hams assisted by providing communications along with support of emergency situations.

Scott also helped out with the 6th annual Youth Engineering Adventure engineering camp at the South Dakota School of Mines. High school students considering a career in engineering or the sciences attended this engineering camp. This year 56 students attended. The camp includes activities in each of the departments of the engineering school as well as tours of local technical companies. Metrics have confirmed that a large percentage of the engineering camp attendees have gone on to technical schools and intend to pursue technical careers. Scott was a 1975 electrical engineering graduate from the School of Mines.

Frank Shaw, NU0F, President

Chapter 109, Baton Rouge (LA)

This report is delayed due to the aftermath of Hurricanes Katrina and Rita. Contrary to circulating rumors, Chapter 109 continues to function. After Hurricane Rita slammed ashore in southwest Louisiana in the early morning hours of September 24, 2005, the membership met at Brunet's Cajun Restaurant in Baton Rouge at noon to honor Mike Theriot, W5JRG, and to present him a Golden Certificate and a certificate for 50 years of continuous licensing. The certificates were presented by President Wayne Gordon, K5EOA. Unfortunately, Mike's Elmer, W5MD, was ill and unable to attend. About a dozen members enjoyed the meeting, and we all thought that we were lucky to be eating at Brunet's instead of MRE's.

The fourth quarter membership meeting of 2005 was held at Don's Seafood and Steakhouse in Baton Rouge on November 19, 2005. Officers were elected for the coming two years and routine Chapter business was discussed. It was pointed out that we are still in need of someone to serve as Chapter Historian. The Chapter is also experiencing a negative membership flow as the influx of new members is simply not keeping up with our Silent Keys.

An annual planning meeting of the Executive Board of the Chapter was held at James's Grill in Denham Springs on February 11, 2006. Plans were made for the coming year, and it was decided that the Chapter Treasury would buy lunch at our quarterly meetings for the member who successfully recruits the most new members.

The first membership meeting of 2006 was held at Brunet's Cajun Restaurant in Baton Rouge on March 25, 2006. Approximately 20 members and guests attended. The 2005 Member-of-the-Year Certificate was presented to Walter Jones, KC5XC, by President Wayne Gordon,



Mike Theriot, W5JRG, receives his Golden Certificate and his 50-Year Continuous License Certificate from President Wayne Gordon, K5EOA



The 2005 Member-Of-The-Year Certificate is awarded to Walter Jones, KC5XC, by president Wayne Gordon, K5EOA.

K5EOA. A small discussion about the Chapter nets and the sunspot cycles was held. A special guest at this meeting was David Assaf, Jr., W5XU's father, who is now living with W5XU since losing his house to Katrina.

Our next meeting is planned to be a picnic at the Highland Road Observatory in Baton Rouge right before the 2006 Hurricane season starts. A word of thanks is in order for all Chapter members who devoted a massive amount of public service time during the 2005 storms, many of them at the risk of their own lives and property. Our thoughts and prayers go out to all those devastated.

"Doc" Mack, AC5IA, Secretary/Treasurer

(continued on page 30)

TASTE THE ALBERTA ADVANTAGE!

Our Western Hospitality Awaits You and Yours!



QCWA INTERNATIONAL CONVENTION

Calgary, Alberta, Canada

September 28 – 30, 2006

www.obsd.com/qcwa-chapter151

Hosted By

Wild Rose Chapter 151

At

The Port 'O Call Inn, 1935 McKnight Blvd NE,
Calgary Alberta T2E 6V4

The Port 'O Call Inn, 1935 McKnight Blvd NE, Calgary Alberta T2E 6V4

A block of rooms have been reserved at \$100.00 in Canadian Funds (includes taxes) for a Single or Double, up to August 26, 2006. After this date there is no guarantee this price can be honored. These rates are guaranteed beginning September 23rd to October 3rd inclusive. **For reservations – contact the Hotel directly at 1-800-661-1161 and be sure to quote QCW0926 for this special rate.** There is a complimentary airport shuttle and many other amenities.

REGISTRATION: On-line registration is available at <http://www.obsd.com/QCWA> or by mail-in. After registering on line, your payment must be received through the mail to guarantee your registration.

FRIDAY – 'MEET & GREET' RECEPTION: In Calgary we have a saying - there are no strangers - only friends we haven't met. So in keeping with this tradition - we bring you the right atmosphere to make this all happen! What better way to get to know all convention attendees than by socializing over a cool one and bellying up to a Western Style 'Beef on Bun' buffet with all the trimmings.

TOURS: We have an exciting group of tours stacked up for your convention enjoyment. Starting off with Friday – a guided tour of Calgary's finest Aero Space Museum which is located across the street from the convention hotel. Saturday brings the Calgary Exhibition and Stampede Casino (a ventilated 'smoking environment' room) antique trolley to sweep you away to a day of fun at the slots and tables (with \$5.00 to get you started, a lunch and 20% discount on souvenirs and other merchandise available at the Stampede Mercantile Store. You will be back in time for the Saturday Evening Cocktail Party and Banquet. And Sunday brings you to relaxing over a fabulous brunch buffet and live theatre - at our very own Stage West Theatre. Oh yes – almost forgot the guests who prefer shopping! There will be shopping galore for those who prefer to savor our western shopping malls and kiosks.

SPONSORS - WILD ROSE CHAPTER 151: We were chartered on May 18, 1984 and the Convention Planning Committee is working hard on your behalf to bring you many presentations and door prizes. *Who knows what you will be taking home!*

OUR WESTERN HOSPITALITY AWAITS YOU AND YOURS!

Don't Miss Out! REGISTER TODAY!



QCWA INTERNATIONAL CONVENTION
Calgary, Alberta, Canada
September 28 – 30, 2006

www.obsd.com/qcwa-chapter151
Hosted By
Wild Rose Chapter 151



at: The Port 'O Call Inn, 1935 McKnight Blvd NE, Calgary Alberta T2E 6V4

A block of rooms have been reserved at \$100.00 in Canadian Funds (includes taxes) for a Single or Double, up to August 26, 2006. After this date there is no guarantee this price can be honored. These rates are guaranteed beginning September 23rd to October 3rd inclusive. For reservations – contact the Hotel directly at 1-800-661-1161 and be sure to quote QCW0926 for this special rate. There is a complimentary airport shuttle and many other amenities.

Name _____ Call Sign _____
(please print)

Name - Spouse/Guest _____ Call Sign (if applicable) _____
(please print)

Address _____
(please print)

City/Town _____ Province/State _____ P-Code/Zip _____

Telephone (____) _____ E-Mail _____

All prices are shown in both Canadian & US funds, rounded to the nearest amount. Please remit using the currency of your choice. All registrations must be accompanied with the correct funds, otherwise your registration can not be guaranteed.

NOTE: September 05, 2006 – Is Booking Deadline For "Meet & Greet", Banquet, All Tours & Stage West Theatre

	<u>No.</u>	<u>Can. \$</u>	<u>No.</u>	<u>US \$</u>
Amateur Registration (After Aug. 1, 2006)	_____	@ \$25.00 _____	_____	@ \$21.00 _____
Spouse /Guest	_____	@ \$ 5.00 _____	_____	@ \$ 5.00 _____
Sat. Stampede Casino (Incl. lunch)	_____	@ \$20.00 _____	_____	@ \$17.00 _____
Friday - Aero Space Museum Tour	_____	@ \$ 8.00 _____	_____	@ \$ 7.00 _____
Commemorative Convention Pin	_____	@ \$ 5.00 _____	_____	@ \$ 5.00 _____
(Limited supply)				
	_____	TOTAL: _____	_____	TOTAL: _____

Queries may be made via e-mail to ve6afo@3web.net or telephone: (403)-226-5840. Make checks or Money Order payable to "QCWA Convention-2006" and mail to Nick Janzen at: 816 – 21 Avenue SE, Calgary, AB T2G 1N1.

For convention updates visit <http://www.obsd.com/qcwa-chapter151>

Chapter Reports

(continued from page 27)

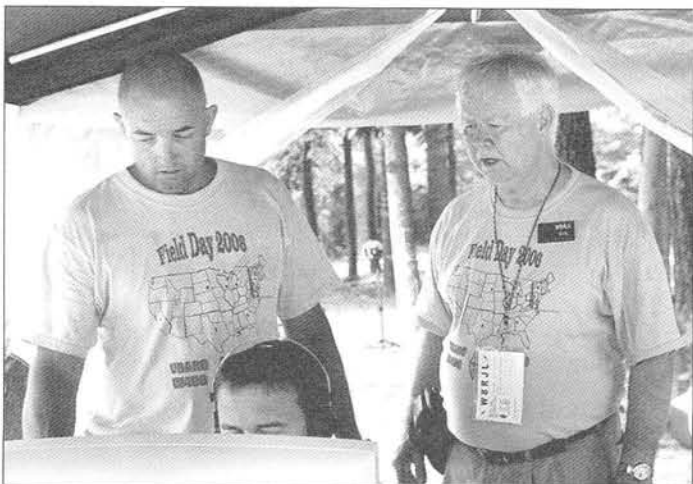
Chapter 112, Yankee (MA)

The annual meeting was changed from Chianti's Grill, Middleboro, MA, to the Yangtze River Restaurant, Littleton, MA. The 2006 Officers are: President, Bob Smith, KK3P; Vice President, Tony Manna, WA1ENO; Treasurer, Chuck Walbridge, K1IGD; Secretary, Janice Lentz, K4IJK. Net Control is Dave Rego W1GCA and Administrator-Sunshine Fund Anne Manna, WB1ARU. Chuck, K1IGD presented the awards to: 70 Years, Don Brown, W1JSM; 65 Years, Bob Merriam, W1NTE; 60 Years, Nathan Talbot, W1NXP; 55 Years, Jim Fish, W1HL; Mort Bardfield, W1UQ; Richard Downing, W1TXS; Arthur Tomkinson, W1THT. 50 Years, James Crump, W1EWN; Harold Hyman, W1IZQ; Jim Fisk, W1HL. The Century Award was presented to: Robert Wallace, W1HH and Joe Santangelo, N1JS. A new display was shown to present QCWA. Door prizes were drawn and awarded. July 22, the annual picnic will be held Mt Tom State Reservation. A gift was presented to Robert Wallace, W1HH, the outgoing President.

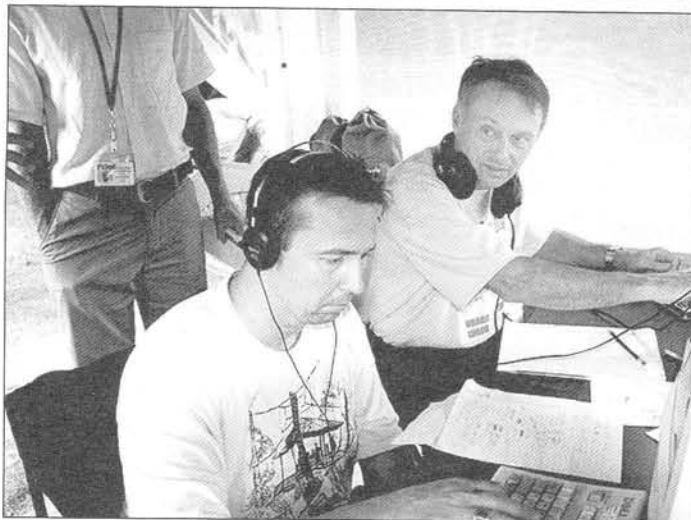
Janice Lentz, K4IJK, Secretary

Chapter 119, Tidewater (VA)

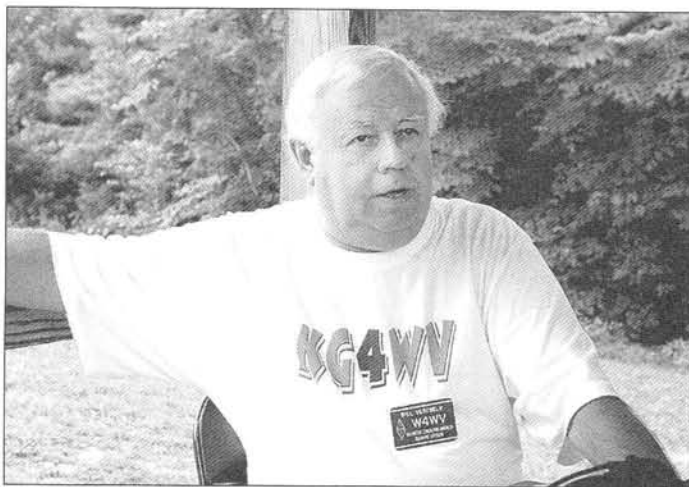
After the excitement of the Tower Rescue project in late March, Chapter 119 got settled down to a relatively quiet period where the major focus was on Meet'n, and Greet'n, and Eat'n! The April informal get-together was held at the very popular Happy Buffet with a good turn-out of members and friends. In May the group returned to Happy Buffet for the May informal get-together. Not having a reserved space in which to meet, we rely on the usually unscheduled 'meeting room' at Happy Buffet and all



Chapter 119 Members Jose, N4BAA (L) with Ron, W8RJL (R) checking out the CW Run Station operation at Field Day.



Chapter 119 President Mark Palsha, K14VB (L) with Bill Holland, WA4EUE (R) operating the CW Run Station at Field Day.



Chapter 119 Member Bill Verebely, W4WV added great strength to the SSB Run Station performance. Bill is also known as KG4WV when he operates from Guantanamo Bay.

gravitate to that location. But so do members of the general public – it becomes something of a shared space event. There's nothing wrong with that, but sometimes interesting things can happen. The friendliness of QCWA Chapter 119 members and friends is noteworthy, and our openness and outgoing group personality caught one unsuspecting diner by surprise. Chris, AI4MI, a new ham and good friend of Chapter 119 saw a gentleman sitting by himself in 'our meeting space' and sat down with the gentleman and engaged him in spirited conversation. "What's your sign?" Chris asked. "Aquarius," was the somewhat surprised reply. "No, I mean, what's your call sign?" Chris persisted in the most jovial manner. Then Chris had to explain he meant amateur radio callsign, whereupon the man had to admit that he didn't know anything about amateur radio. Then, while Chris was at the serving bar, I also approached the gentleman with welcoming remarks, assuming he was a member or friend that my sometimes imperfect memory could not recall. I'm sorry to say that the gentleman's lunch seems to have come to a hasty con-

clusion. As friendly as we all are, some folks tend to be perhaps suspicious of such outgoing effusiveness, particularly when they don't know us and want to be left alone to a quiet lunch. Whatever else he may think, that gentleman can vouch for the friendliness of the group and I hope he knows that he is welcome to return any time he wishes. Thanks for being a good ambassador for QCWA, Chris.

In June the Second Quarter General Membership Meeting was held in a joint session with the Battleship Wisconsin Club – a sharing of meeting space made necessary by the inadvertent scheduling of the June QCWA meeting on Field Day! The Wisconsin group graciously extended an invitation to meet with them at another of our popular meeting places, C & M Cafeteria. At that meeting Ron, W8RJL; Vern, W4THN; and Charlie, W1WTG (in absentia); reported a design for the new Chapter 119 Name Badge. The design will be circulated for approval and the question of adoption will be voted at the Third Quarter Membership Meeting. Secretary Culver, W4VIC, on behalf of the Executive Committee (K14VB, W4VIC, and WA4TCJ) asked for and received approval for an Awards Banquet to be held in late November. The Awards Banquet will constitute the official Fourth Quarter General Membership Meeting freeing the December meeting time for a joint Holiday Celebration with the VADXCC and Battleship Wisconsin clubs.

Chapter 119 continues to grow. During the Second Quarter of this year the following NEW members have been added to the Chapter Roster: Larry Gansz, K3KA; Walt 'Sonny' Hood, K4WYS; Jose Castillo, N4BAA; Ken Moorman, NU4I; Jim Hardee, W4UVH; Jackson Bennett, W4ZPR; and Lynn Lilla, W9DJQ. And the latest addition to the prospective members list was submitted by President Mark Palsha, K14VB, and his wife Jacqueline, KG4SJB: Joe Dylan Palsha, born April 26, 2006! Joe (no call yet!), Mark, and Jacqueline are all doing fine. Congratulations to all the new and prospective members.

QCWA Chapter 119 is ON THE AIR! At 0800 on Sunday mornings the recently inaugurated Virginia QCWA Chapter 119 HF net (3.947 MHz.) gets underway and is rapidly gathering a dedicated following. Ably led by our usual NCS K4JDJ, Bob Young, members and friends from Virginia, Maryland, and North Carolina show up regularly on the check-in list. The QCWA Chapter 119 HF net pulls in members from around the state and region and lets them be fully participating Chapter members.

The VHF Sunday Roundtable (146.895-), which has been running for about six months now, has settled into a comfortable routine. Sunday mornings at 0900 local time finds a good group of local members and friends engaged in interesting discussions with the topic of the day generally chosen by the rotating NCS. QCWA visitors to Virginia Beach are cordially invited to check in and

participate in the roundtable.

Early Sunday mornings are certainly QCWA mornings in the Tidewater area. If you're on 75 meters Sunday morning, check out our action – you will be most welcome. If you're in town for a visit we'd love to have you join the Sunday Roundtable.

In addition to the scheduled net activity, several members of the Chapter show up routinely in contests. Following N4BAA's inspiring example, several members are now showing up as regulars in contest activity. Ron Young, W8RJL is an inveterate CW contest operator (among a group of distinguished CW operators) and is among the Chapter 119 members who participated significantly in the QCWA QSO Party. Several others joining in the action along with Ron include Barry, K5VIP; President Palsha, K14VB; Jose, N4BAA; Jim, W4PRO; Vic, W4VIC; Jack, W4ZPR; and Rich, WA4BUE;. Other contests, e.g., the June CQ WPX Contest and The ARRL June VHF Contest, found about the same group of the usual suspects participating – along with Vice-President Al, WA4TCJ, and Jack Main, W4YCZ. Jackson Bennett, W4ZPR, himself an accomplished CW operator, likes to hop in his little Honda and join the CW contest activity from interesting places around the area, operating from his mobile. I don't want to reveal any 'secrets' but word has it that Jack will be showing up more frequently from the middle of Chesapeake Bay, from one of the 'support islands' on the 22-mile long Chesapeake Bay Bridge Tunnel. Jack says he has operated with great success from there on 40 meters but that he will take along a 'spyder' so that he can operate CW on other bands. Listen for W4ZPR and give him a good report in the next QCWA QSO party!

Some of these folks are a little shy about reporting their scores, so a listing of scores from the different events would not be appropriate. The goal of the contesting activity is, however, not to necessarily win the contest, or the Section, or whatever division the various contests may have, but rather to GET IN THE GAME – to exercise our prerogatives as Amateur Radio Operators, to keep our skills as sharp as we can, and to have fun – most of all, to share this wonderful ham radio activity amongst our members and friends and to have FUN doing so.

Field Day was the last major event of the Second Quarter. Several members of QCWA Chapter 119 attached themselves to Field Day activities sponsored by other groups to which they belong. Many of our Chapter members, who are also members of the local Virginia Beach Amateur Radio Club (VBARC), the Virginia DX Century Club (VADXCC) and the Battleship Wisconsin Amateur Radio Club (BWARC), joined in a combined effort to set up and operate a 5A operation – five full-time stations along with a 'Get On The Air' (GOTA) station for introducing new prospects to Amateur Radio and give

them a chance to actually make contacts on the Air. A satellite station was set up and a solar powered station, each contributing to the Field Day 'Contest' Score. A ham community picnic late Saturday afternoon was the main feature of the activity once the contest got under way, with spouses and family members all getting together for a wonderful picnic dinner where it seems that calories consumed competed with score points earned for prominence. Needless to say, a great time was had by all who turned out for Field Day..

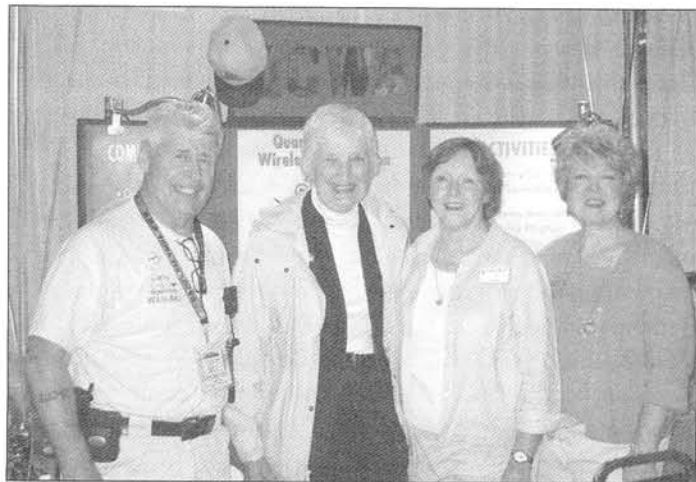
Vic Culver, W4VIC, Secretary/Treasurer

Chapter 120, Quarter Century Wireless Women

No doubt you've read about our plans to revitalize Chapter 120. Well, it's really going to happen. Some of us met at Dayton to sort out details and to plan for our annual meeting in Calgary Convention on September 29th. The photo was taken at Dayton in front of the QCWA table. Left to right is Larry, WA9JMO, Treasurer; Ann, VE3HAI, Secretary; Kay, WA0WOF, Director; and Carolyn WBOUM, President. We are indebted to Chuck, K1IGD, QCWA GM, for all the help he gave us getting started.

We began our revitalization project by advertising for "lost members" in this Journal, and in several others. While not overwhelming, the response was encouraging. The next step was a lot of emailing and then the meeting at Dayton. Next, came preparing a small display and sign-up sheet for the QCWA table at Dayton. We were very pleased to actually see signatures on our sign-in sheet.

The result of our planning is a proposal to make Chapter 120 a virtual chapter with no fees except when joining the first time. If you're already a member, current



Left to right is Larry, WA9JMO, Treasurer; Ann, VE3HAI, Secretary; Kay, WA0WOF, Director and Carolyn WBOUM, President.

or lapsed, you're one of us, as long as you are a current member of QCWA. The next step will take place in Calgary, when we will ask members to vote on the proposal and discuss what our goals should be. Bob, NOUF, has agreed to continue being our Webmaster and the current executives will continue until everything is up and running.

As most of you know, our mission is to encourage our members to participate fully in QCWA activities. To demonstrate how true to that mission we are, three of our current executives are running for office in QCWA. We believe we have a wonderful heritage and are keen to see Chapter 120 thrive. We hope that we can count on you to help us. If you can't come to Calgary, email me at ve3hai@rac.ca and we'll see that you get all the information that we plan to present in Calgary.

Ann Nutter, VE3HAI, Secretary

Chapter 126, Piedmont (NC)

The second 2006 quarterly meeting of the QCWA Piedmont Chapter #126 was held in Denton, N. C. at The Classic Restaurant. There were 18 people present for the meeting.

Prior to the meal, the Chapter Board held its meeting at 11:30 AM with the following present: Chuck Littlewood, President; Billy Stewart, Treasurer; John Covington, Member; and Charles Swindell, Secretary. Vice-President Jack Emerson, W4TJE; and Director Joe Brown, W4ONJ were excused.

The possibility of future programs includes those from Mac, WQ8U, on restoring old ham gear and Kent, K4MK, on his tower project. The status of the treasury was discussed and it was decided to donate \$100 to the ARRL Spectrum Defense Fund. To encourage payment of Chapter dues it was decided the Secretary will send a letter and SASE to the members. All on the roster should stay informed and have every chance to renew their membership.

The Chapter formerly had a newsletter known as the "QCWACKER". The Secretary will begin sending out the QCWACKER prior to each meeting as a combination newsletter and meeting announcement. It will go electronically to as many members as possible. We will also send info to National for inclusion in the QCWA Journal.

One way to improve our visibility is to be present at hamfests. There are two such hamfests coming up in the future, Shelby and Salisbury. President Chuck, K4HF, will attend both and agreed to carry our banner and hand out material.

John Covington, W4CC, former Chapter 126 Officer, continues to maintain our webpage. He made comments concerning recent changes to the page. It was noted that

the July issue of QST had a photo and commentary on John for his service as NC ARRL Section Manager and to the ham community.

The next meeting was set for Durham, NC on Saturday, September 9, 2006. The exact location of the meeting to be determined. At the general meeting and dinner all introduced themselves. We all agreed that The Classic was an excellent place to eat. After we had eaten, there were some brief business issues discussed: net report; QCWACKER; future meeting programs; QCWA awards; dues; next meeting in Durham; and the December meeting.

Bill Tippet, W4ZV, was introduced and began an interesting discussion of DX'ing on 160 and 80 meters. Bill was initially licensed in 1957 which was an excellent sun spot cycle year for DX'ing and Bill got the DX bug. He went on to discuss the types of antennas, the use of the Grey Line for planning DX paths, and his personal equipment. There was quite an exchange between the members and Bill during Q&A. Bill passed around some good reference books and unique QSL cards including one from Viet Nam.

The meeting concluded at 2:00 PM with the 50/50 drawing. Wayne Ashworth, W4HG, was the winner of the drawing. Don't forget our next Chapter Dinner, September 9, and our Weekly Net at 8:45AM, local time, on 3.935 MHZ each Saturday morning!

Charles Swindell, WB4DCM, Secretary

Chapter 134, Pine Tree (ME)

On March 25, 2006, the Pine Tree Chapter held its Spring meeting at the ARRL Maine State Convention and Andy Hamfest at the Ramada Conference Center in Lewiston, Maine.

The meeting was opened at 11:00 AM by President Bruce Randall. Introductions were made. There were 27 members and guests. Letters were read from The QCWA General Manager, K1IGD, and from the QCWA Scholarship Chairman. Both letters contained thanks to the Pine Tree Chapter for its contribution to the Memorial Scholarship Fund.

QCWA Anniversary Awards were presented to several members of the chapter.

70 Years to W1JTH, Philip Young

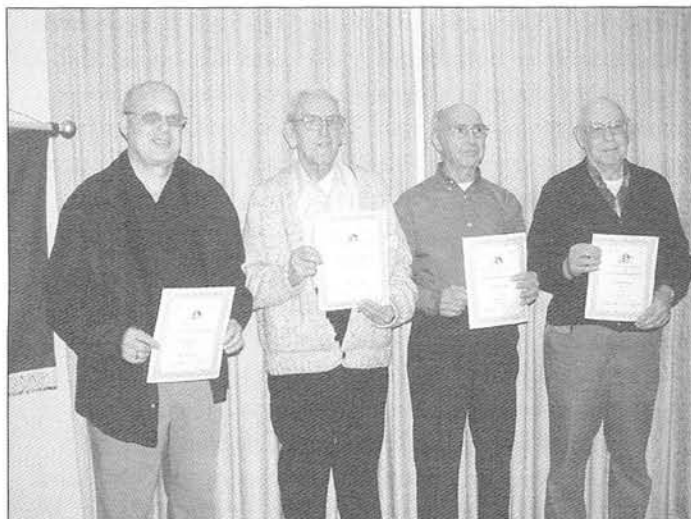
55 Years to W1VEH, Benjamin Blodget

50 Years to K1DPM, Richard Small

and to W1GQU, Benjamin Doe

Following the QCWA Anniversary Award presentation, Tom Frenaye, ARRL New England Director, presented the ARRL Certificate of Merit Award to W1JTH for 40 years of volunteer service in the ARRL Field Organization.

We thank all those who attended, particularly those who had to travel a considerable distance to be at the meeting; one from Houlton and one from Millinocket.



Left to right: K1DPM, Dick Small; W1JTH, Phil Young; W1GQU, Ben Doe; W1VEH, Ben Blodget

The June luncheon meeting will be held in the Bangor, Maine area on June 3rd. We hope to see many members and guests there.

Philip M. Young, W1JTH, Secretary/Treasurer

Chapter 146, Twin State Chapter (NH)

The Twin State Chapter had their Spring Fling on Saturday, April 29, 2006, at Papagallos Restaurant in

STANDING COMMITTEE ASSIGNMENTS NEWLY ELECTED BOARD DIRECTORS

ADMINISTRATION SUBCOMMITTEE

Chairman, Ken Oelke, VE6AFO; ve6afo@rac.ca

Deputy Chairman, Ed Yoder, W3YMB; edyoder@comcast.net

CHAPTER RELATIONS SUBCOMMITTEE

Chairman, Carolyn Harrison, WB0OUM; carolynwb0oum@alltel.net

Deputy Chairman, Blanche Randles, K4GXZ; w4gxz@admin.umass.edu

EXTERNAL RELATIONS

Co-Chairmen, Val Erwin, W5PUT; Dallasqcwa@aol.com

Ken Oelke, VE6AFO; ve6afo@rac.ca

FINANCE SUBCOMMITTEE

Chairman, Tony Hirsch, W8RSH; thirsch@ameritech.net

Deputy Chairman, Ken Oelke, VE6AFO; ve6afo@rac.ca

PUBLICATIONS SUBCOMMITTEE

Chairman, Leroy Baldwin, W00FY; lgbw00fy@aol.com

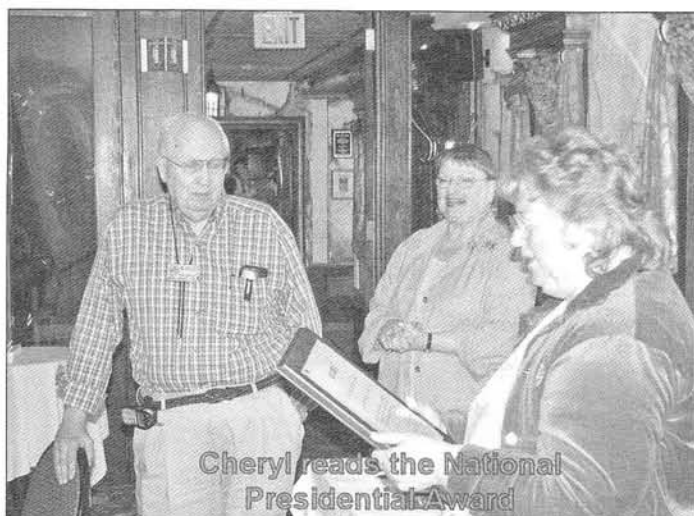
Deputy Chairman, Bill Pasternak, WA6ITF; wa6itf@arnesline.org

Chapter Reports

Keene, N.H. Because our Chapter has such a large area, spread out over both States of NH and VT, we decided to hold our meetings in different area locations in order to entice new members to join. The attendance at this meeting tied our second best-attended meeting of our Chapter. We had 27 members and friends attend this meeting. Thank you all for coming and making this event so successful.

Papagallos permitted the group to order directly from the menu and food was received very quickly, especially with such a varied fare. When dinner was completed, we enjoyed a short but interesting Business Meeting.

Chapter #146 – The Twin State Chapter will again host the All New England Chapter meeting on July 22nd, 2006 at the Mt. Tom Recreational Facility in Holyoke, Ma. off route 5. The Pioneer Chapter donated money to help defray the cost of the Facility. Thank you, Pioneer Chapter, for helping us keep this new tradition going! Our Chapter



Left to right: QCWA General Manager, Charles Walbridge, K1IGD; his wife Janet and Chapter 146 Secretary, Cheryl Breuning, WA1WEY. Chuck is receiving his Meritorious Award for his unusual dedication to QCWA and amateur radio in general.



Left to right: Janet Walbridge receiving her Certificate of Appreciation from Cheryl Breuning, WA1WEY.

will also present a slate of Officers for the upcoming year. WIUS, "Doc" Kelemen, was assigned the duty of presenting a slate of Officers in July.

When the regular business meeting was completed, President Makul, K1XV, turned the meeting over to the Secretary/Treasurer, Cheryl Breuning, WA1WEY, for a special presentation. Cheryl began the presentation stating that she enjoyed turning the tables on someone who had done many, many presentations in his line of work for QCWA. Cheryl requested that Chuck Walbridge, K1IGD, and his wife, Jan, come to the front of the room. In keeping with proper etiquette, Cheryl presented Jan Walbridge with a "CERTIFICATE OF APPRECIATION". It stated that our Chapter appreciated all that she had done to assist Chuck and to keep things on the right path at National Headquarters. Congratulations Jan!

Cheryl then presented Chuck Walbridge, K1IGD, with the "MERITORIOUS AWARD" presented to an individual to recognize unusual dedication to QCWA and amateur radio in general. Congratulations Chuck!

Surprises abound at this meeting. Secretary Breuning, WA1WEY, asked Chuck to please remain as she had another presentation to make. Cheryl contacted National President, John Johnston, W3BE, and the other officers stating we, at Chapter #146, felt that one of the Presidential Awards presented each year for outstanding service to QCWA should be granted to Charles Walbridge, K1IGD, for his extraordinary efforts on behalf of the New England Chapters and National QCWA. Our request was granted and Cheryl presented a speechless Chuck Walbridge with the Presidential Award for 2006. We are honored to have Chuck as one of our members.

Don't forget our Sunday morning net on 3.912Mhz. All are welcomed!

Secretary, Cheryl Breuning, WA1WEY

Chapter 151, Wild Rose, Alberta

Greetings from Chapter 151, Alberta Canada, your 2006 QCWA Convention Hosts. By the time you read this, a lot of you will have enjoyed visiting Calgary and a lot of its local and surrounding attractions.

We had a luncheon meeting on April 29th, 2006. There were a total of 27 in attendance- 11 members, 6 friends and 10 guests. Earle Smith, VE6NM, the President of RAC, was present. He is a life member of QCWA and a member of Chapter 151. Earle spoke on Radio Amateurs of Canada (RAC) sponsoring the RAC Youth Education Program (e.g. Chestermere Lake and Airdrie Ralph McCall Middle schools and Calgary Sir James Loughheed Elementary School) who contacted the International Space Station. He encouraged us to further

talk this program up in schools.

Ken Oelke, VE6AFO, introduced Andy Webb, VE6EN, who was the first radio amateur in Canada to receive a QCWA scholarship. Andy now has his Master's Degree in Geology. President Ken Oelke, VE6AFO, presented Andy with a "hat trick" certificate stating that he had made three contacts with the International Space Station.

Ian Stephens, VE6IMS, of Calgary, presented a very interesting program on the design of amateur rockets and the attempt to achieve records for sending rockets to high altitudes. Ian belongs to the ATHA Aerospace Group (<http://www.stephensonline.ca/atha-aerospace/>) who, in June 2003, launched the largest, heaviest and most powerful amateur rocket in Canada (the Daughin), which reached an altitude of 50,000 feet. Future projects are being designed to fly to 100,000 feet.

Jack Ambler VE6CAQ, Secretary

Chapter 154, Leo Meyerson (CA)

After our April luncheon most of the attendees went to the Palm Springs Fire Department's training facility for a tour of the city's new mobile command center. We were unanimously impressed by the communications equipment in this vehicle. Of course, it includes an amateur radio-operating position equipped for the 144, 220, and 440 MHz bands. Our thanks to John Hardcastle, KI6AHR, Emergency Services Coordinator, City of Palm Springs, for the tour and to Harold, K6TQM, for arranging it.

There was no May luncheon and there will no more until next Fall. On behalf of all Chapter 154 members, I wish to thank the hams at Palm Desert Greens CC for providing the great meeting place. In particular, I wish to thank Jerry, N6CRI, for his effort on our behalf.

As usual about this time of the year, we Snowbirds leave the Coachella Valley for cooler climates and hope those who remain behind manage to stay cool.

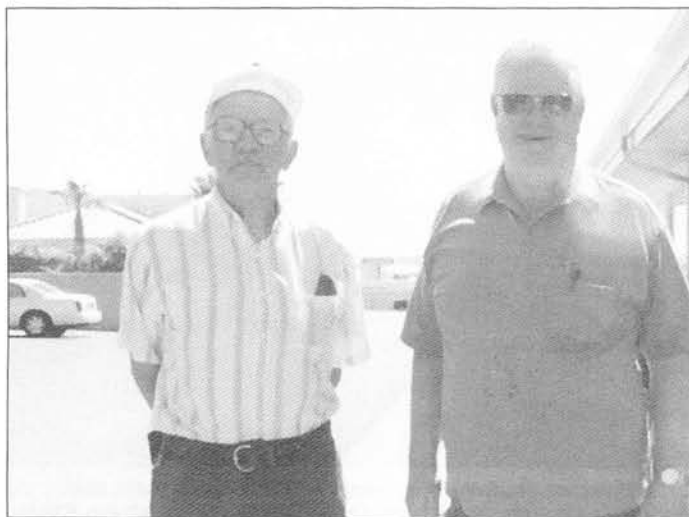
Gene Pentecost, W4IMT, President

Chapter 160, Utah (UT)

On March 21, 2006, the Utah Chapter 160 met in Mesquite, Nevada for their annual Spring Frolic picnic and dinner. There were 15 members and guests at either the picnic or dinner.

This was a different Frolic than most due to rain and cold. Our thanks to Harold and Dorothy Beddor, W7VPD/W70SW, who provided their time share for an indoor picnic. During the course of the day some local hams stopped and visited. Late in the afternoon, everyone returned to their motels to get ready for the evening dinner.

The evening dinner was held at the Rio Virgin Grill



From left to right: Past President Norm, K7ZZM, and current President Lee, K7NKH. (Photo courtesy of Helen Luckey)

where many stories were told and a good time was had by all. Norman Lucky, K7ZZM, President, conducted a short business meeting at which time he resigned, and Lee Hone, K7NKH, agreed to take over as President. I think they call this a railroad job. We also discussed the Golden Certificates as several members with many years in Ham Radio should be receiving their Certificates this year. It was discussed having the Frolic in April, due to the possibility of weather problems in March. Any comments on this can be directed to K7NKH via "E-mail" at k7nkh@lcturbonet.com or by mail to Lee Hone, P.O. Box 537, Pioche, NV, 89043.

Lee Horn, K7NKH, President

Chapter 165, York County (PA)

The June meeting of Chapter 165 was the annual family picnic. We met at the pavilion of the Keystone VHF Club in York, PA. After a fine picnic lunch, a short business meeting was held.

John Johnston, W3BE, QCWA National President, was in attendance and gave a short talk on the activities of QCWA Chapter 20, the Baltimore Maryland Chapter of which he is President. He also talked about the QCWA National Convention in Calgary coming up in September. John's visits to our Chapter meeting are always welcome.

Our President, Chip Morgan, N3IW, gave a presentation on his activities at the Pennsylvania Railroad Museum at Strasburg Pennsylvania. Chip has been restoring audio tapes of old-time railroad telegraphers using American Morse. The tapes are actually audio recordings of old railroad telegraph sounders. These tapes are used in a display of an old railroad office at the Museum. The tapes have been worn from years of use and the audio was barely discernable. With Chip's restoration we can actually hear the



Left to right front row: John, W3BE; George, KB3DXP; Chip, N3IW; Bill, W3UQJ; John, N4FAI; Back row: Tim, WA3KYD; Charlie, W3PRG; Ray, W3AXC; Bob, K3DJC; Bob, K3HOX; and Stan, K3FOB.

fists of long ago telegraphers.

The next meeting of the Chapter will be held at noon time at Hoss's Restaurant on White St. in York, PA on August 12, 2006.

Ray Shaub, W3AXC, Secretary Treasurer

Chapter 169, Sacramento Valley (CA)

Chapter 169 continues to meet monthly at Carrows Restaurant located at 2800 J Street in Sacramento, CA. The Restaurant is in the downtown area westerly of the Interstate 80 Freeway. There is plenty of adjacent parking. Meetings are held on the 2nd Wednesday each month.

We try to have a speaker for each of our monthly meetings. The last quarter featured:

Member Bill King, W7MCC, gave an illustrated (video) talk on his recent trip aboard the world War II merchant marine vessel Liberty ship, SS Jeremiah O'Brien, from Sacramento to San Francisco.

A video from a local TV station about our Country's High Frequency Active Auroral Research program, HAARP.

Member Bill King, W7MCC, who provided an illustrated (video) talk on his recent fishing trip to Alaska.

On a sad note, we lost old-time member Cy Cochrane, WB6KZN, who became a SK during the quarter.

Our change of meeting location has been working well. Come and join us at 9 AM. Troops start gathering at 8 AM for the no-host breakfast. YLs are always welcome. For further information please contact our President, Paul Wolf, W6RLP, at (916) 489-8112.

Gary Stilwell, K16T, Secretary/Treasurer

Chapter 196, Edison Chapter (FL)

Monthly luncheons have been suspended for the Summer. Normal gatherings will resume in the Fall.

Our Chapter wants to welcome a new member. Terry Mc Gleish, K14KQQ, is currently active in the Fort Myers, Florida area. Terry was originally licensed as WN8JLL while he lived in Michigan at the age of eleven. Welcome aboard Terry! As you may not know, all new members are required to write an article for the Journal and buy lunch for the Chapter officers who are from Ohio. M-Go-Blue vs Ohio State. If Terry believes that then we will endorse him as a candidate to run for National Director.

Tad Burik, K3QC, President

Chapter 202, Old Dominion (VA)

The Old Dominion Chapter met on April 21 for a breakfast meeting. Following breakfast, introductions were made by those present. Bill, KC4D, mentioned that he would be operating 7Q7WW while on missionary work June 5 & 13. Try to work him on 15, 17, and 20 meters.

Buddy, W4YE, encouraged contributions to the Scholarship Fund in honor of his father, W5KL (SK). All donations are tax deductible.

Stan, K4UK, encouraged all to operate the club station WW2DDM on June 6th to celebrate the 62nd anniversary of D-Day. The station will again be used at the Memorial during Family Day on July 22nd from 10 am & 5 pm. Approximately 30 Radiograms were sent during last year's event.

The next meeting will be a picnic at KC4D's QTH on Saturday, August 12th at 11:00 am.

It was noted that the Roanoke Ham Fest is scheduled for August 5th at William Byrd High School.

Bill Svec, WA4BKW, Secretary/Treasurer

Chapter 213, Fresno (CA)

Chapter 213 continues to meet on the 4th Tuesday of the month at Carrow's Restaurant, 4280 N. Blackstone in Fresno. All QCWA members are welcome to attend. W6DPD operated WQ6CWA in the QCWA Spring QSO Party. Ralph Saroyan, W6JPU, QCWA #29648, became a Silent Key on April 5, 2006. He was first licensed in 1933 at age 15. He served in the U. S. Navy as an electronics technician during World War II. He was a pioneer in Amateur Radio, having the first repeater in the San Joaquin Valley of California. He was a pioneer in the change from AM to SSB. He was one of the first on 2m after the war. He was an active builder of ham radio equipment. He pub-

lished articles on building an SSB adapter for the HRO 60 receiver. He served as the ARRL Section Communications Manager from 1955 to 1976. He was a Charter Member of Fresno Chapter 213. Rest in peace friend. Our monthly meetings continue to be well attended with attendance averaging 20 members and guests. The Chapter will be represented at the Fresno Hamfest in August. We hope to recruit some new members for QCWA.

Charles McConnell, W6DPD, Secretary/Treasurer

Chapter 217, The Villages (FL)

The initial meeting of The Villages, FL Chapter 217, was held at the Veranda Restaurant at Lake Sumter Landing. The Officers are John Enot, W4JJE, President; Ed Crowell, W5TWR, Vice President; Dick Mondro, K4FQT, Secretary; and John Fleming, W3GQJ, Treasurer. The Chapter will be meeting at 10 AM on the 2nd Thursday of each month with impromptu "hungry nets" meeting when so inspired. The Villages, a retirement resort of 60,000 residents, has about 100 ham residents even with the antenna restrictions. There are many flag poles as well as wire antennae discretely hidden in shingles, etc. Ken Simpson, W8EK, President of the Ocala Chapter and member of QCWA National Chapter Relations Standing Committee, was also present at the meeting. As word spreads, the Chapter hopes that many of the other Village QCWA members and members from the surrounding areas will participate in the new chapter activities. The Chapter is not restricted to Village residents. For membership information please contact Dick Mondro, K4FQT, Chapter 217 Secretary. k4fqt@arrl.org

The following members are Charter Members of the Chapter:

John Enot, W4JJE
John Fleming, W3GQJ
Dick Mondro, K4FQT



Ken, W4HKW; John, W4JJE; Ken, W8EK; John, W3GQJ; Dave, W4WNG; Tom, W4TWF; Dick, K4FQT; Ed, W5TWR; and Hal, W4OE.



President W4JJE and John, W3GQJ.

Ed Crowell, W5TWR
Dean Sever, W8IM
Richard Stamant, W8PDV
Charles Theisen, K9IA

At the meeting, President John asked each member to tell of their most memorable ham experience. One common one was the initial wait for the original license to arrive. Others were visiting and operating W1AW.

John Fleming, W3GQJ, was presented with a 50-Year Anniversary Award and a 50-Year Continuous Licensed Certificate by the President. Ken, W8EK, pointed out that people can apply for membership anytime during the 25 years that you first became licensed or operated. You do not have to wait until the date you were licensed.

(Note: If you do not have a current map, look for Lady Lake, FL. Part of The Villages is in Lady Lake. The Villages Community Development District is in Lake, Marion, and Sumter Counties. Contact W3GQJ@arrl.net if you would like more information.)

Dick Mondro, K4FQT, Secretary

A Sad Note:

QCWA has lost one of our remaining Charter Members with the death of Frank Lester, W4AMJ (originally W2AMJ). Frank, member number 13, was featured on the cover of our Summer 2005 issue receiving his 80-Year award from Past-President Croft Taylor, VE3CT. In 1997, Wes Randles, W4COW (SK) wrote an article about Frank and his history in the electronic sales (Summer 1997 Journal). An edited version is included in this issue on page 50 – our Webmaster, Bob Roske, N0UF, has posted the full article on the QCWA webpage along with comments from many members.

-Chuck, K1IGD, General Manager

New Members

Fall 2006

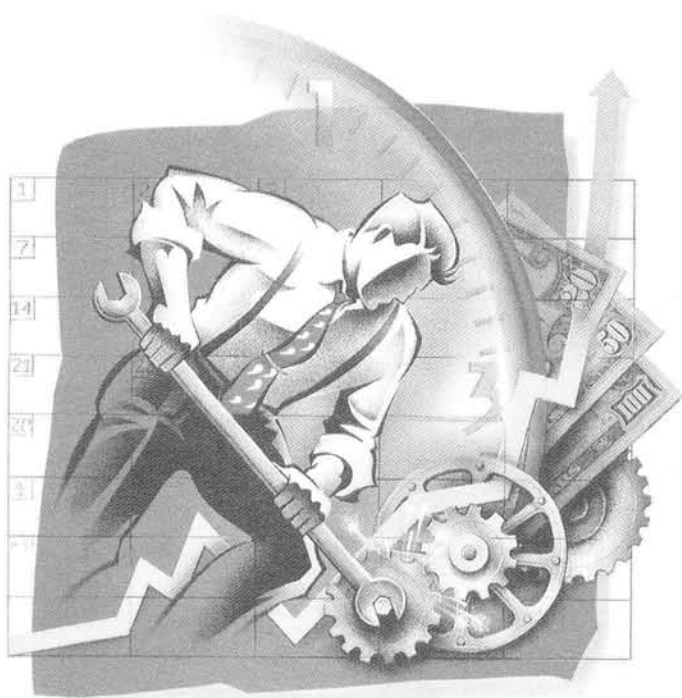
Date	Mem. #	Name	Call	City	ST/PR	SPONSOR	SCALL
4/3/2006	33391	ZAVATSKY, WILLIAM J	K3DEQ	DU BOIS	PA	-	-
4/4/2006	33392	STANFIELD, CECIL B	K5CBS	WIGGINS	MS	-	-
4/4/2006	33393	NOACK, MARVIN E	N5COS	PORT ARTHUR	TX	CAROL NOACK	KK5L
4/4/2006	33394	BARGNESI, JAMES	N6BRP	GARDNER	MA	-	-
4/4/2006	33395	LINDER, GLENN S	WB1AAY	NEW YORK	NY	HAROLD MARGOLIS	WA1GKU
4/4/2006	33396	BITNER, RICHARD DAVID	W8HYD	RALEIGH	NC	CHARLES LITTLEWOOD	K4HF
4/4/2006	33397	PURCELL, LLOYD M	WB7PKW	LITCHFIELD PARK	AZ	JERRY FERGUSON	WF7F
4/4/2006	33398	DARLING, RAYMOND E	K2DAR	BAINBRIDGE	NY	W THOMPSON	W2MTA
4/4/2006	33399	STEVENS, NED E	K7ELP	SALT LAKE CITY	UT	-	-
4/5/2006	33400	BUSENBARK, DAVE	KC00FK	DENVER	CO	-	-
4/5/2006	33401	ZILM, CATHERINE WILMA	N6EOQ	APACHE JUNCTION	AZ	HARVEY B ZILM, JR	AB7UT
4/17/2006	33402	SADLER, HARRY	VE1CDT	PERTH ANDOVER	NB	-	-
4/6/2006	33403	TAVERNIER, CLAUDE E, JR	KA6PBU	ALBANY	OR	-	-
4/6/2006	33404	WILLIAMS, ROBERT ARTHUR	N7ODM	BOZEMAN	MT	-	-
4/6/2006	33405	WILLIAMS, RICH	K7URU	SPOKANE VALLEY	WA	-	-
4/6/2006	33406	CRAYER, THEODORE F	W4IOQ	HILTON HEAD ISLAND	SC	-	-
4/6/2006	33407	AHLGREN, CHARLES S	WB6IYM	CLAYTON	CA	RON DINSMOOR	N6JQL
4/6/2006	33408	KERR, ROBERT J	WA8OFU	JACKSONVILLE	FL	-	-
4/7/2006	33409	PARENTE, MICHAEL	A14GR	HENDERSONVILLE	NC	W WERNISING	KO4JN
4/7/2006	33410	HOLTON, JAMES	KB6JE	BARSTOW	CA	-	-
4/10/2006	33411	RUDDERHAM, BRENT	VE1KF	HATCHET LAKE	NS	-	-
4/10/2006	33412	LINSCHIED, HAROLD A	WSOM	MOUNDRIDGE	KS	ALVIN WIECHMAN	W0ME
4/10/2006	33413	MC LAUGHLIN, ROBERT W	WB8UYA	RUSH	KY	DAVE VEST	K24G
4/10/2006	33414	JANATA, EBERHARD	DL7LX	GERMANY	-	WALTER PILHAR	DL3LBP
4/11/2006	33415	HOFFMAN, JAMES F	KA9LOK	RACINE	WI	-	-
4/11/2006	33416	BRANDON, JOHN G	KA6DDL	DAVIS	CA	-	-
4/11/2006	33417	FARMER, MAX	VE6SL	CALGARY	AB	KEN OELKE	VE6AFO
4/11/2006	33418	CASTILLO, JOSE A	N4BAA	VIRGINIA BEACH	VA	VIC CULVER	W4VIC
4/11/2006	33419	LILLA, LYNN M	W9DJQ	VIRGINIA BEACH	VA	VIC CULVER	W4VIC
4/11/2006	33420	MOORMAN, KENNETH ALLEN	NU4I	WILLIAMSBURG	VA	VIC CULVER	W4VIC
4/13/2006	33421	FINNEGAN, PETER J	W3WC	WEXFORD	PA	-	-
4/13/2006	33422	ALTMAN, GARY	K3SE	GAITHERSBURG	MD	-	-
4/14/2006	33423	BOYLE, KEVIN M	WD8CSX	GOSHEN	OH	-	-
4/17/2006	33424	BREDON, ALAN DALE	W6BGK	SAN DIEGO	CA	-	-
4/17/2006	33425	CAMPBELL, FLOYD B, JR	W0CBH	PARKER	CO	ALAN PICKERING	KJ9N
4/17/2006	33426	LOGAN-KELLY, PHIL	KD7ZD	TOLEDO	OR	-	-
4/18/2006	33427	HASKELL, KARL L	KD5YLJ	SHEPHERD	TX	-	-
4/21/2006	33428	BONHAM, MILTON E	KYOE	DENVER	CO	-	-
4/24/2006	33429	HELMKA, ROBERT	A100	ASHLAND	MO	-	-
4/25/2006	33430	WILSON, KEN	W4HKW	THE VILLAGES	FL	JOHN ENOT	W4JJE
4/25/2006	33431	LINTON, GERRY	VE6PL	STRATHMORE	AB	KEN OELKE	VE6AFO
4/27/2006	33432	DI PIPPO, ROBERT V	K1WYC	WEST WARWICK	RI	-	-
4/27/2006	33433	YOUNG, DANNY J	KD5ZSX	MASON	TX	-	-
4/28/2006	33434	HOSS, MELBA L	KA0BAT	TOPEKA	KS	TERRY A HOSS	KA0BHO
4/28/2006	33435	BENSON, LEE "CHUCK", II	WA6FGK	SIMI VALLEY	CA	-	-
5/1/2006	33436	TINKER, ALLEN A	W1AAT	WAITSFIELD	VT	CHERYL BREUNING	WA1WEY
5/1/2006	33437	HELEBA, MICHAEL J, JR	KA1EOM	CUTTINGSVILLE	VT	CHERYL BREUNING	WA1WEY
5/1/2006	33438	JONES, EDWARD G, JR	K2EGJ	NEW YORK	NY	-	-
5/1/2006	33439	REEDER, GEORGE T, JR	KJ2V	CROSSVILLE	TN	BOB BUUS	W2OD
5/2/2006	33440	LAU, WALTER H	KK1CW	SPOFFORD	NH	R E SEIFERT	KB2FF
5/4/2006	33441	MELTON, DAVID B	W4WNG	THE VILLAGES	FL	JOHN ENOT	W4JJE
5/4/2006	33442	GRANDGENT, CHARLES M	K1OM	ALACHUA	FL	NICK KOENIGSTEIN	K4NIK
5/5/2006	33443	MATHEWS, RICHARD P	K8RPM	MOSCOW	OH	-	-
5/5/2006	33444	MC CORKLE, ROBERT F	WB1AJG	WILLIAMSTOWN	VT	CHERYL BREUNING	WA1WEY
5/5/2006	33445	RAYMOND, ROBERT J	W7RJR	SPOKANE	WA	-	-
5/5/2006	33446	EPPERSON, JOHN V	NH6U	ORACLE	AZ	-	-
5/5/2006	33447	SAGE, GLEN H	W4GHS	HILLSVILLE	VA	LELAND W SMITH, JR	W4YE
5/8/2006	33448	SPAAR, CLINTON, III	WS1V	PETERBOROUGH	NH	-	-
5/8/2006	33449	WILCOX, DONALD L	VE6CG	CALGARY	AB	KEN OELKE	VE6AFO
5/8/2006	33450	MIKESKA, NELSON	K15JF	GEORGETOWN	TX	-	-
5/8/2006	33451	HARRIS, ROBERT A	K1FLK	PAWCATUCK	CT	-	-
5/9/2006	33452	HARDEE, JAMES T	WB4UVH	CHESAPEAKE	VA	VICTOR I CULVER	W4VIC
5/9/2006	33453	SPOSTO, ARTHUR J	WA3YSS	DUNMORE	PA	WILLIAM THOMPSON	W2MTA
5/9/2006	33454	DONSON, HAROLD A	WB2RRK	BINGHAMTON	NY	WILLIAM THOMPSON	W2MTA
5/9/2006	33455	CHENG, CLIFF	K16CM	LOS ANGELES	CA	-	-
5/10/2006	33456	FERCH, RICHARD	VE3IAY	OTTAWA	ON	DOUG LEACH	VE3XK
5/12/2006	33457	ROCKDASHIL, JOHN	WB2DVE	LIVERPOOL	NY	-	-
5/15/2006	33458	LONEKER, RONALD, SR	KA2BZS	SCOTCH PLAINS	NJ	AL BLASUCCI	W2KOG
5/15/2006	33459	ENNIS, MICHAEL	VE3AO	SCARBOROUGH	ON	K G BENTLEY	VE3DHL
5/15/2006	33460	STRICKLAND, MARY L	N7CUI	BELLINGHAM	WA	M H STRICKLAND, JR	W7FCH
5/16/2006	33461	MEYER, HARRY B, JR	KC1TN	CHATTANOOGA	TN	-	-
5/16/2006	33462	LAKIN, KENNETH	KD6B	REDMOND	OR	ROGER GATES	W7KVT
5/16/2006	33463	HUND, WILLIAM O	WB8DRM	MANISTEE	MI	JOHN TALBOYS	N8OR
5/16/2006	33464	COOK, ROBERT P	N8IZF	PETOSKEY	MI	LARRY TRUMBLE	K8QER
5/25/2006	33465	FISCHER, RICHARD S	WA3SXX	FAIRFAX	VA	JOHN B JOHNSTON	W3BE
5/25/2006	33466	MILN, STANLEY MARTIN	K6RMR	HUNTINGTON BEACH	CA	-	-
5/25/2006	33467	GARDENGHI, ROBERT A	K3FQP	CATONSVILLE	MD	LESLIE T JAMISON, JR	WR3X
5/25/2006	33468	SAVIDGE, LEON A	WB3EFE	BINGHAMTON	NY	W THOMPSON	W2MTA
5/25/2006	33469	WANKOWSKI, ERNEST C	KB5OJ	FORT WAYNE	IN	-	-
5/26/2006	33470	WHITE, STANLEY L	WB2PPN	NORWICH	NY	WILLIAM THOMPSON	W2MTA
5/26/2006	33471	CHASE, LOREN F	A10M	COQUILLE	OR	-	-
5/26/2006	33472	GOODACRE, ALAN K	VE3HX	OTTAWA	ON	DOUG LEACH	VE3XK
5/26/2006	33473	WATKINS, DENNIS W	W7JX	MANSON	WA	-	-
5/26/2006	33474	KOHTALA, GARY E	K7EK	SPANAWAY	WA	JAY A THOMPSON	W7CXA
5/30/2006	33475	STANLEY, JOHN	N8GFO	CORVALLIS	OR	DAYTON	-
5/30/2006	33476	HANSEN, THOMAS M	N8DGD	GRAND RAPIDS	MI	DAYTON	-

New Members (continued)

Date	Mem. #	Name	Call	City	ST/PR	SPONSOR	SCALL
5/30/2006	33477	DIETER, WALTER T	N9CLE	TOMAHAWK	WI	DAYTON	
5/30/2006	33478	GAVRENKO, BORIS	KC2FVN	BROOKLYN	NY	DAYTON	
5/31/2006	33479	JORDAN, MICHAEL	K3ZMD	HILTON HEAD ISLAND	SC	DON SEALY	W8OKO
5/31/2006	33480	UCHIYAMA, NOBUKO	JR6XX	NAN'YO, OKINAWA		DAYTON	
5/31/2006	33481	GUSTOFF, MARK	W07T	CHANDLER	AZ	LEN NATHANSON	W8RC
5/31/2006	33482	BOGART, BARRY	VE7VIE	VANCOUVER	BC	DAYTON	
5/31/2006	33483	HAAG, STEWART	W4MO	VENICE	FL	DAYTON	
6/1/2006	33484	STOOPS, FRED WAYNE	NQ9J	CORY	IN	DAYTON	
6/1/2006	33485	MALONEY, MICHAEL J	AC5P	BARTLESVILLE	OK	DAYTON	
6/1/2006	33486	RUHL, RICK	W4PC	FLORENCE	AL	DAYTON	
6/1/2006	33487	EMERY, JEFF	W8IP	GRANDVILLE	MI	DAYTON	
6/1/2006	33488	PISTNER, DONALD	N3ELI	BRADFORD	PA	JOHN B JOHNSTON	W3BE
6/1/2006	33489	STCHISLENOK, ANDREI	NP3D	PLAINVIEW	NY	DAYTON	
6/1/2006	33490	RICE, CHARLES F	KD4SS	GLASGOW	KY	DAYTON	
6/1/2006	33491	MORGAN, SAM ROY, JR	KA5OAI	SAN ANGELO	TX	-	
6/1/2006	33492	GOAD, MIKE H	N4HCO	GLASGOW	KY	DAYTON	
6/1/2006	33493	ANDERSON, MICHAEL A	N4MAA	ST PETERSBURG	FL	DAYTON	
6/1/2006	33494	HEACOCK, JOHN	K9BB	WEST COLUMBIA	SC	DAYTON	
6/1/2006	33495	ZIMMER, LAWRENCE W	W4LWZ	CAPE CORAL	FL	DAYTON	
6/1/2006	33496	ALLEN, JOE	N0MU	PONTE VEDRA BEACH	FL	DAYTON	
6/1/2006	33497	HOLFORD, REX E	K0NO	GLENWOOD	IA	DAYTON	
6/1/2006	33498	MC COWN, PHILLIP W	WB8OLW	TROY	MI	DAYTON	
6/1/2006	33499	HORTON, JAMES W	WB8YWA	LEWISVILLE	TX	DAYTON	
6/1/2006	33500	BIERBAUM, RALPH	N0AWN	SHOREVIEW	MN	DAYTON	
6/1/2006	33501	NOLL, BERTRAM B	W4KW	GREENBRIER	TN	JOHN B JOHNSTON	W3BE
6/2/2006	33502	SCHMITT, ROGER	WB4HDW	UNION	KY	DAYTON	
6/2/2006	33503	WAXMAN, HOWARD	K04GS	NEWPORT NEWS	VA	DAYTON	
6/2/2006	33504	MC DUFFIE, JACK	AA8EA	LEWISBURG	OH	DAYTON	
6/2/2006	33505	GARLITZ, JAY	AA4FL	HAWTHORNE	FL	DAYTON	
6/2/2006	33506	BONUCHI, MICHAEL R	AC9Y	PLAINFIELD	IL	DAYTON	
6/2/2006	33507	MOTKE, RONALD	WD8MNX	BIRMINGHAM	MI	DAYTON	
6/2/2006	33508	HENSLEY, WM KIM	WG8S	HUNTSVILLE	AL	DAYTON	
6/2/2006	33509	JOHNSON, HARRY A	W2FT	HASBROUCK HEIGHTS	NJ	DAYTON	
6/2/2006	33510	UNDERWOOD, ROBERT	W8YRB	GARDNER	KS	DAYTON	
6/2/2006	33511	ARNETT, PATRICIA L	KA8AMX	MARYSVILLE	MI	DAYTON	
6/5/2006	33512	MORRIS, THEODORE ALLAN	WB8VNV	CINCINNATI	OH	DAYTON	
6/5/2006	33513	GIRTON, JEFFREY D	NB3H	HARRODSBURG	KY	DAYTON	
6/5/2006	33514	LOHFF, GEOFFREY A	N0BBM	CEDAR RAPIDS	IA	DAYTON	
6/5/2006	33515	BASTONE, ROBERT	WC3O	TARENTUM	PA	DAYTON	
6/5/2006	33516	FLEMING, MARSHA E	KA8DMR	OAK PARK	MI	DAYTON	
6/5/2006	33517	DURHAM, MARTIN I	W1MD	PALM BAY	FL	JOSEPH SCHROEDER	W9JUV
6/5/2006	33518	FRANCE, JIMMIE L	KA9LDD	VINCENNES	IN	LARRY MC CALVY	WA9JMO
6/5/2006	33519	ECTON, WILLIAM W	AD0CW	AUGUSTA	KS	-	
6/5/2006	33520	LAWRENCE, THOMAS C	N4ATV	CHRISTIANSBURG	VA	-	
6/5/2006	33521	CREGAR, ROBERT E	NA8DX	GREGORY	MI	-	
6/5/2006	33522	LACZO, RONALD J	N8MHE	CHELSEA	MI	DAYTON	
6/5/2006	33523	BUSH, DEAN W, SR	K3KHG	PASADENA	MD	JOHN B JOHNSTON	W3BE
6/5/2006	33524	SELBY, REID	W13K	FELTON	PA	JOHN JOHNSTON	W3BE
6/5/2006	33525	KING, KENNETH	K1DWZ	SOMERSWORTH	NH	-	
6/5/2006	33526	JACKSON, RICHARD	AB4AZ	VERO BEACH	FL	F L ANDERSON	K4EBK
6/5/2006	33527	MURRAY, RANDY K	W3LF	MILLSBORO	DE	JOHN B JOHNSTON	W3BE
6/5/2006	33528	YOUNG, RUSSELL W, JR	WA2VQV	MILFORD	DE	JOHN B JOHNSTON	W3BE
6/5/2006	33529	SCHUMACHER, JOHN NAPIER	N4DQU	FLORENCE	SC	JACK JACKSON	N4JJ
6/5/2006	33530	BUCKSTIEGEL, RICHARD E	WD8JVQ	PETOSKEY	MI	JAMES F BISHOP	W8JFB
6/5/2006	33531	AGRESTI, LOUIS J	W2OPF	LIVERPOOL	NY	GEORGE COOK	W2RBK
6/5/2006	33532	GERRICK, STANLEY	K28G	HOLLY	MI	-	
6/7/2006	33533	BENTON, KEN	KE4P	WARRIOS	AL	DAYTON	
6/9/2006	33534	HOOD, W R "SONNY"	K4WYS	CHESAPEAKE	VA	VIC CULVER	W4VIC
6/12/2006	33535	RUSHTON, CYNTHIA L	WB3CNJ	ERIE	PA	-	
6/12/2006	33536	JOLKOVSKI, JEAN	W4CH	PHOENIX	AZ	DOUG BESEMER	K0VPL
6/12/2006	33537	DOUGLAS, VIVIAN E	WA2PUJ	SYRACUSE	NY	JIM MOZLEY	W2BCH
6/12/2006	33538	MC KEE, JOHN	WB2YGN	AUBURN	NY	JIM MOZLEY	W2BCH
6/12/2006	33539	HALL, HAROLD W	WB5KZO	TERRELL	TX	-	
6/15/2006	33540	DEIN, GARY G	K9AW	OAKLAND PARK	FL	-	
6/15/2006	33541	SUGRANES, JORGE A, JR	KD5VRK	FORT WORTH	TX	-	
6/15/2006	33542	GANSZ, LARRY R	K3KA	NORFOLK	VA	-	
6/15/2006	33543	BROKAW, BYRON S, JR	W2BSB	ENDICOTT	NY	W W THOMPSON	W2MTA
6/15/2006	33544	HORAN, PHILLIP M	N2BEE	VESTAL	NY	W W THOMPSON	W2MTA
6/16/2006	33545	TUCKER, DONALD S	W7WLL	YACHATS	OR	DON MARGESON	W7DS
6/19/2006	33546	KLINE, STEVE	W5JK	HIGHLAND VILLAGE	TX	VAL ERWIN	W5PUT
6/19/2006	33547	HURLEY, JAMES	WA5APS	NEW WAVERLY	TX	-	
6/19/2006	33548	MELDAHL, GLEN	KE5ICF	LITTLE ROCK	AR	VAL ERWIN	W5PUT
6/19/2006	33549	SMITH, DOTT EDWARD, III	KD5KTZ	HOUSTON	TX	VAL ERWIN	W5PUT
6/19/2006	33550	PAGE, JAMES	WB5LRP	SAINT HEDWIG	TX	VAL ERWIN	W5PUT
6/19/2006	33551	DONALDSON, JOHN A	AB8YZ	DALLAS	TX	VAL ERWIN	W5PUT
6/19/2006	33552	SALINAS, GEORGE	KD4FJ	HARLINGEN	TX	VAL ERWIN	W5PUT
6/19/2006	33553	CLEVELAND, WILLIAM D	WD5IBY	BAYTOWN	TX	EUGENE R CHENETTE	N5YJ
6/20/2006	33554	BRYANT, EDDIE L	KM5FF	ALBUQUERQUE	NM	-	
6/20/2006	33555	BOOKER, JAMES J, JR	N5NVP	LEESVILLE	LA	VAL ERWIN	W5PUT
6/20/2006	33556	GETCHELL, WAYNE	VE3CZO	OTTAWA	ON	DOUG LEACH	VE3KK
6/21/2006	33557	WHITE, ROBERT	K3ICT	SMITHSBURG	MD	JOHN B JOHNSTON	W3BE
6/22/2006	33558	SPINDLE, ROBERT L	W4YP	HAYMARKET	VA	-	
6/22/2006	33559	ASMUS, KEN W	VA3KA	CARP	ON	DOUG LEACH	VE3KK
6/22/2006	33560	DANDENEAU, MAURICE D	K1STB	WINTHROP	ME	PHILIP M YOUNG	W1JTH
6/26/2006	33561	MC GLEISH, TERRANCE A	K14KQ	N FT MYERS	FL	TAD BURIK	K3QC
6/26/2006	33562	BEHLER, G THOMAS	KB8TYJ	BIG RAPIDS	MI	GEORGE ROUMAN	W8OWN
6/27/2006	33563	HINES, HARRY L	KA2GKL	NEWARK	NJ	-	

How to reverse the declining growth rate of Amateur Radio; the Chapter One Cleveland plan

By Devere "Dee" Logan, W1HEO



The golden days of Amateur Radio's strong growth rates may be gone, but there's no need to throw in the towel and assume that all is lost. Not without doing something to reverse the trend. Today's ham radio may not be your father's version, but it still offers plenty of fun, excitement and public service. But the public needs to be told about our hobby. Who should do that? Obviously it's up to us, because if we don't do it, who will?

This is why Chapter One in Cleveland is co-sponsoring a new effort called the **Northeast Ohio Ham Radio Promotion Project**. We're partnering with the Indian Hills Radio Club of Wickliffe. The goal is to reverse the decline in new licensees through a coordinated effort to publicize ham radio's appeal and its value as an important emergency radio resource.

Recognizing the need for promotional tools that radio clubs can use to spread the word, the first major step was to create a new promotional video, "Amateur Radio: Wireless Window to the World." Designed to introduce the public to ham radio, it shows area operators conducting emergency drills and using radios in cars, boats, planes and a hot air balloon. Scenes show Amateurs in foreign locales, including the Himalayan Kingdom of Bhutan (A52A), and Norfolk, England. People from all

walks of life, ages, and nationalities appear, showing the broad appeal of our hobby.

Plans are to produce other promotional materials such as banners, signs, and displays. Funds are being solicited from radio clubs and individuals to cover the costs of these items. Matching funds are being provided by the Hamfest Association of Cleveland.

Our promotional effort complements the ARRL's "Hello" campaign that positions Amateur Radio in the light of the 21st century, focusing on its universal appeal even in today's technology-rich society.

The Cleveland-area program involves a four-step process. First, promotion and publicity will focus on raising public awareness of ham radio. Second is prospecting for persons interested in our hobby. Next, radio clubs and a volunteer "Elmer Corps," led by QCWA in Cleveland, will work with individuals who are interested in becoming licensed. The last step is helping persons prepare for the licensing exam through individual study or radio club classes. Success depends upon solid links between each step.

Publicity alone is not enough. Our challenge is finding ways to welcome interested persons and communicate the fun and excitement of our hobby in ways that will lead to more licensed hams. Radio clubs and volunteer "Elmers" are critical to the process.

Radio clubs participating in the promotion project are being equipped with the promotional video DVD and a 50-page how-to manual or "Toolkit," explaining the basics of conducting a variety of promotional activities. The Toolkit explains the four-step process of recruiting new Amateurs, publicity basics including use of the new video, displays, fliers, and news releases. The contents are based upon established professional practices of journalists, marketing and public relations specialists, plus years of radio club experience. The manual is designed for use by average radio Amateurs.

As the ham radio promotion project moves ahead, Northeast Ohio radio clubs will share their experiences in conducting specific promotional activities resulting in a "best practices" database. Banners, displays, feature articles and broadcast announcements will be produced and a network of "Elmer Corps" volunteers will be formed. Additional information on the program and the promotional video is available on the Internet at www.neoham.org. ■

How Boeing Engineers & Bears Brought Communications Technology to China

by Pat West, W7EA

The author, Charles P. (Pat) West is a Purdue University graduate, and a retired Boeing engineer. He holds an Amateur Extra class license with nearly 70 years of involvement in amateur radio. He left military service in 1946 as a Signal Corps Captain, and a communications/radar specialist. His three years World War II overseas service in Africa and Europe involved nine campaigns, including five beach heads, in eight countries. His military decorations include the Bronze Star medal.

Spanning over 25 years to the present, The Boeing Company's relationship with The Peoples Republic of China (PRC) has brought more than Boeing airplanes into service for China. It has also brought amateur radio communications technology to a country that remained isolated from the rest of the world for 30 years following the Communist Cultural Revolution. That silence began to break when, in 1981, four members of the Boeing Employees Amateur Radio Society (BEARS) carried two radio stations to Beijing and Shanghai. Our group, which included Bob Hudson, K7LAY; Henry Oman, K7HO; Bill Showers, KC7CF; and me, was the first—and, I have no doubt, the most adventure filled delegation of USA amateur radio enthusiasts to travel to China since the cultural revolution. Our goal: to reintroduce the Chinese to amateur radio technology, and the pleasures of "outside" communications.

The trip came about as a result of a visit to PRC that I made in 1980 with the IEEE Computer Society. While on that trip, I met Zhou Mengqi, and convinced him that I should bring a group with radios to China in 1981. My primary contacts in China were with Zhou Mengqi, Deputy Secretary General, Chinese Institute of Electronics (CIE), and Ning Yun-He, Vice President, China Radio Sport Association (CRSA). These gentlemen deserve much credit for getting China back on track for amateur radio, and for setting the spark that perhaps got China heavily involved in cellular telephony. Mr. Zhou and his leader, CIE President Sun Junren, were directly responsible for our 1981 expedition to China, which established amateur radio stations at radio clubs in Beijing and Shanghai. From Beijing, we made a demonstration contact with the late Bill Bennet, W7PHO in Seattle. This was the first contact of this type in over 30 years. The Chinese also set up a station in Shanghai, and communicated with the Beijing station. Nearly 20 years later, in February, 2001, I received a message from Shanghai friends to whom we had delivered one of those stations.

"We old hams at BY4AOM wish to convey to our fellow hams of the BEARS Club how happy and thankful we are to have received your initiation and generous gift of a TR-7 transceiver almost twenty years ago. This seed that you planted to rekindle Amateur Radio movement in China has now blossomed up that almost every school and college in Shanghai has an amateur radio club station, and there are over 2300 licensed amateur radio stations in peoples homes all over China now. We would like to show our appreciation for the effort you brought forth and tell you of its consequential results after almost 20 years."

The message was signed by members of the BY4AOM amateur radio club in Shanghai. CRSA information indicates nearly 18,000 licensed radio amateurs including shortwave listeners were operating in China in 2003.

USA amateur radio enthusiasts were pioneers in the development of cellular telephone technology. Foremost among world users today is China, which leads the world in the number of subscribers. As a result of our 1981 expedition, the Chinese invited the BEARS to bring the country's first repeater to China in 1988. The repeater was designed and built by a group from Boeing, led by Russ Kroeker, K7HGE. The 10-member delivery delegation was led by the late Dick Mehnert, W0KPK, then President of the BEARS. Other delegation members included Bill Showers, KC7CF; Bob Hudson, K7LAY; and me.

We set up the repeater at the CRSA station BY1PK building in Beijing, and taught repeater technology to those who would operate it. The Chinese provided a

satellite telephone circuit from the repeater to the BEARS repeater in the Seattle area; then, with our Chinese friends, the BEARS delegation proceeded to the Great Wall of China. Using hand-held radios on the Great Wall, we were able to contact the repeater in Beijing, and our voice signals were exchanged with radio amateurs in Washington State, Oregon, Idaho, Montana, and even with amateurs in British Columbia. By means of two-way simplex communications via satellite link, we even talked to a farmer in a tractor plowing a field in Eastern Washington! To my knowledge, this was the first time any amateur radio communications has ever emanated from the Great Wall. After our visit, this operation was repeated several times by Pacific Northwest amateurs communicating with others in the Beijing, China area. As with the previous radio stations, we left the repeater in China.

It is interesting to note that Boeing engineers played a significant role in getting China back into amateur radio, and may even have provided the spark that ignited the Chinese cellular phone system. The current status of Chinese cellular phone activity certainly advises everyone in the world of the potential leadership of China in the world economy.

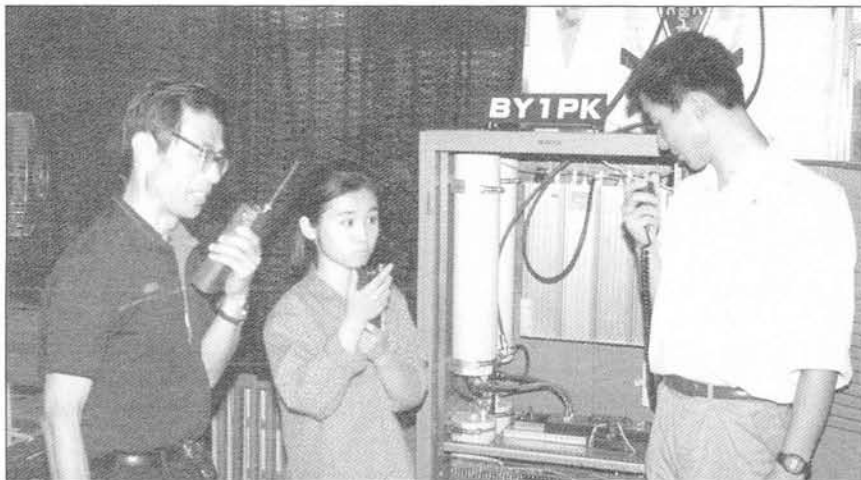
The BEARS also helped to create a bridge of friendship between China and the United States. As Zhou Mengqi wrote on November 28, 1994:

"There and then, you and me, you standing on the East bank, and me standing on the West bank, both of us were standing in the water of 16 degrees C, we were building the two piers, one on your shoulder, and one on mine for the FRIENDSHIP BRIDGE. Now the bridge has been finished with the efforts devoted by many people, and I believe that people enjoy it. Today in the world, especially in the USA, people are talking and working for the Information Highway. Pat, don't you think the bridge we together with many people built will be linked with the network of the information highway for the Hams (amateur radio operators), and the world? Confucius said that where there is a will, there is a way."

I am proud to have been there when a new era of East-West communication began.



Boeing Employees Amateur Radio Society (BEARS) members, and their CIE and CRSA friends talk for the first time with the USA from China's Great Wall on September 10, 1988. Left to right: Bob Hudson, K7LAY; Miss. Lou, Chinese Interpreter; the late Dick Mehnert, BEARS President; Pat West, W7EA; Zhou Mengqi, CIE; Ning Yunhe, CRSA; Mike Norin, N7SO; and Bill showers, KC7CF. 1988 Photo.

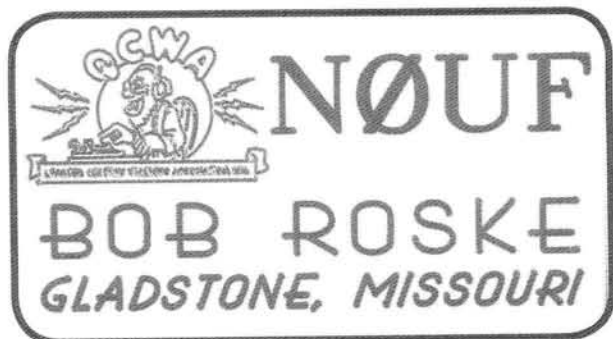


Chinese amateurs check out China's first repeater at CRSA main station, BY1PK. Left to right: Tong Xiao-yong, BY1PK Chief Operator; Miss. Yan, Operator at BY1BH; and Meng Chao, Chief Operator at BY4WNG, Nanjing, China. 1988 Photo.



Members of the BY4AOM (Bravo Yankee Four All Old Men) Amateur Radio Club, Shanghai, China. 1985 Photo.

Your Official QCWA Badge



We have an official QCWA Badge for you to wear at amateur functions. It is white with black. Above is an actual size reproduction. This badge is totally engraved (not 'hot pressed').

The order blank is printed below. The badge comes with a standard clip and a bolo clip. Additional cost options: Pocket Clip - Bolo Tie (specify color) - Magnetic Backing. Note: Badge cannot be ordered with both a pocket clip and Bolo clip.

QCWA Badge Order

Call _____

First Name _____

Last Name _____

Indicate whether you want your City/State or your Chapter name and Number as bottom line on badge.

1. City and State

2. Chapter Name and Number

Badge..... \$7.00

Pocket Clip - \$2.00.....

OR

Bola Ties - \$2.50.....

Bola tie color (circle one): Black, Blue, Brown, Green, Red, or White

OR

Magnetic Backing - \$2.50.....

Additional Postage for non-US delivery \$1.00

Total Cost.....

Complete in full and mail with your check to:

QCWA, PO Box 3247

Framingham, MA 01705-3247

Order Your Official QCWA QSL Cards Today!



QCWA QSL cards are USA standard size, printed on heavy stock which is "coated" (shiny) on the logo side. Ink is bright blue with light gold QCWA logo. You may have your call in either solid letters (above) or shadowed (right). If you want your county printed, include on the order blank. Indicate whether you want your state spelled out in full or printed with the standard postal abbreviation. Prices listed below include shipping.

Please print clearly or type your order.

ORDER YOUR QSL CARDS HERE

Call _____ ☐ Solid ☐ Shadowed

QCWA Member # _____

Name _____

Street/PO _____

County (optional) _____

City _____

State _____ ☐ Spell out ☐ Abbreviate

Zip _____ ☐ ARRL

Province/Country (if non-USA) _____

☐ 10 - 10 # _____ ☐ Grid Sq. _____

Quantity: ☐ 100 \$25.00 ☐ 200 \$35.00
☐ 300 \$45.00 ☐ 500 \$60.00
☐ 1000 \$90.00

Complete in full and mail with your check to:

QCWA, Inc., PO Box 3247, Framingham, MA 01705-3247

North Carolina's Radio Museum - The Southern Appalachian Radio Museum

By John Travis, W4QCF

A group of radio collectors and radio amateurs in the Asheville area long dreamed about a museum that would trace the history of radio from the early days of spark gap transmitters to today's technology.

There were questions. Why would such a museum in North Carolina be of interest? After all, there are already over 20 similar museums in the United States - but there was nothing like it in the Southeast.

Western North Carolina has led the country in many ways, including the electronics field - with companies such as the Hammarlund Manufacturing Company in Mars Hill, and there were others. Tens of thousands of sets were manufactured in the mountains - radios that were played all over the world including many in remote outposts and communication centers. And yes, radios that brought hope during the depression and saved lives. The group felt that it was very important to keep the history of radio alive.

Visitors have come from abroad and all over the U.S. They come to show their children "grandpa's radio". They come to see the radios their Dad had, or one they had many years ago, which brought to them visual images of programs long before the invention of television, and they will see many sets from the 1920's through the 1940's including large floor models and have the opportunity to tune them. The reaction of many children as they take a walk back through time is particularly interesting; some become very interested and may go on to become engineers after standing in the middle of radio history.

Visitors recall enjoying the excitement of The Lone Ranger, the humor of Lum and Abner, Amos 'n' Andy, or Ma Perkins, while others were equally absorbed in the world of opera and symphony concerts or music that might start your toes a-tapping. How about the Yankees, or a Joe

Louis fight? Whether it was a Philco, an Atwater-Kent, or a Silvertone - they all brought the world into your home. They were radios that glowed in the dark.

Old or young, visitors get to turn some knobs, listen to "wooden" radios, tap on a code key or see the spark jump from an early spark gap transmitter. School children discover

what tubes are. Collectors come to see some of the radios they would like to have; while others marvel over a "Gibson Girl" transmitter that saved untold numbers of downed airmen floating in life rafts in the Pacific in World War II, or a receiver used by the Dutch underground in the WW II era - but that's another story.

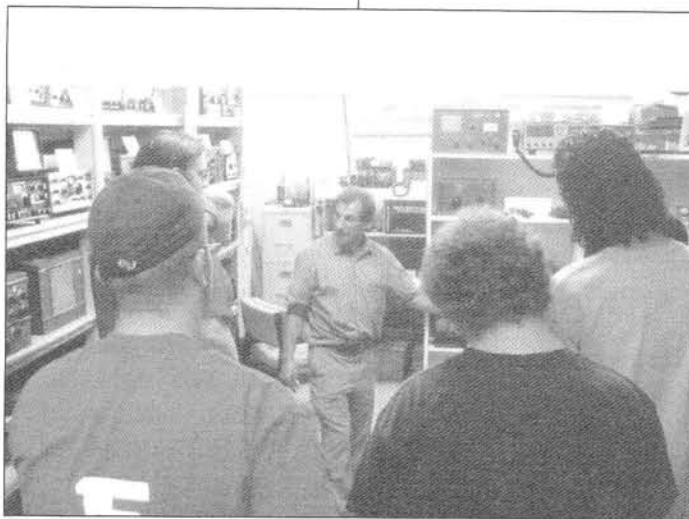
Many visitors experience an amateur radio contact with a station far away for the first time. More than a few share remembrances of contacts they had with amateur radio personalities like Walter Cronkite, Senator Barry Goldwater or His Majesty King Hussein of Jordan. Stories abound.

Radio was growing like wildfire in the 1920's. Radio "kits" could be purchased, and with luck you could pick up radio stations all around the country on a good antenna - with just one tube! Many people, however, built their own sets with a coil wrapped around a Quaker Oats box, a pair of headphones and a germanium crystal. They could hear Nashville's Grand Ole Opry over WSM as early as 1926! It was then called the WSM Barn Dance.

But ten years before these events took place, another idea

was born. It was 1915, a time when amateurs might typically communicate only a few hundred miles, or with a nearby town. Shortly afterwards, 200 amateur relay stations were set up throughout the U.S with the first country-wide relay in 1916 - with the result that on Washington's birthday a message was sent coast-to-coast in less than 55 minutes (and to the governor of every state)!

More importantly, amateur radio operators led the way again when they found that they could communicate



Frank Miceli, AB Tech's Chairman of Electronic Engineering Technology with a group of students.



The writer, John Travis, with a school group.

"In the early 1920's, a man named Powel Crosley shopped for a radio for his son...and thought that radios were too expensive. He built one, started producing them for \$20 and quickly became the largest radio manufacturer."

between continents by transmitting on higher frequencies shortly after establishing two-way communications between the U.S. and France in 1923 - that was REALLY "wireless"!

The first superhetrodyne (you'll see it in the museum) made it's appearance in 1923 in a home radio to be followed by FM invented by in the mid-1930's by a brilliant man who also invented the superhetrodyne, Edwin H. Armstrong. Remarkably, the principles he invented "way back when" are still in use today in our radios!

In the early 1920's, a man named Powel Crosley shopped for a radio for his son...and thought that radios were too expensive. He built one, started producing them for \$20 and quickly became the largest radio manufacturer. He embarked on a few other projects - buying and increasing WLW Cincinnati's power to a whopping 500,000 watts - and went on to produce a few other products, the first "Soap Opera", refrigerators, automobiles, disk brakes and more.

Older visitors sometimes ask if the volunteers know about the World Championship Telegrapher contest held in Asheville in 1939 won by Ted McElroy at 75.2 words per minute. Amazingly, the record still stands. That contest drew over 300 attendees! The museum holds the key collection of a well-known Asheville participant in that contest, Bill Hayes, W4AFM - as well as his amateur call sign.

Among Asheville locals assuring that the contest was conducted properly was a well-known amateur, Rudolph Gibbs, W4HX. "Rudy" operated Gibbs Radio after first installing many of the first radios in Asheville for a furniture store in the 1920's. At that time, many people would drive a long distance just to hear "radio" on headphones and a crystal set - or on an Atwater-Kent if they were lucky. Lindbergh had just flown the Atlantic in 1927 and the first Asheville broadcast station, WWNC, came on the air - it was located in the Flat Iron building with the antenna towers prominently on top! Wouldn't you like to hear some of those first radio programs!

Bill Hayes was an extremely capable, fast telegraph operator who introduced many to amateur radio hobby over the years. He was at the brokerage house desk at the Grove Park Inn in 1929 when one of his customers came in, took a quarter from his pocket and said "Bill, this is all I have left".

The tough times that followed the crash are legend, but in the 1930's radio helped to give folks some hope. President Roosevelt's "fireside chats" made them feel he was talking directly to them; millions of people heard many of his broadcasts during the depression. It was "The Golden Age of Radio" and would not have been possible a dozen years earlier.

The museum is always interested in old radios and may be able to display your radio as a working, interactive exhibit. Most of the radios and related artifacts in the museum are only there because of the generosity of their previous owners - and today many others can enjoy them. There are also many fine large, private collections of early radios, which may someday be seen by the public - just one of the reasons more space is needed. One or several of these collections could easily become the basis for a new, larger museum. Leadership contributions from individuals and corporations who share the vision are very welcome, of course. It is a 501(c)(3) non-profit organization.

The Southern Appalachian Radio Museum is located at A-B Technical Community College in the Elm Building in Room 315; it is open Fridays from 1-3 pm (tours available other weekdays). We deeply appreciate the College's assistance. Volunteers will delight in showing you around; you will experience what it is like to tune in a station on a radio built in the 1920's, so come, see and hear the world of real wireless!

Our museum is sponsored by QCWA Smoky Mountain Chapter 145; we invite all members to drop by and see us....don't forget, we have many other attractions in the area such as the Biltmore Estate and....well, I tell folks they could spend a week here in the mountains and not scratch the surface! You can take a look at a special link about area attractions on our web site:

<http://www.saradiomuseum.org/>www.saradiomuseum.org>

Our President is Norman Harrill, N4NH, 828-253-1192, our Curator is Clint Gorman, K4KRB, 828-299-1276, and you can also contact me on 828-298-1847 or via e-mail at: olg77tr@buncombe.main.nc.us ■

- Special Guest Speakers
- 150 Commercial Exhibits
- Over 400 Swap Tables
- Largest Tailgate Area In Florida
- Testing On Saturday
- Free Parking
- RV Camping On Premises
- Fox Hunt
- Guest Friendly Central Florida Atmosphere
- Theme Parks Nearby
- Courtesy Talk-In On 146.76

Get Ready For The 2007

ORLANDO **HamCation** SM

Amateur Radio & Computer Show

AT THE CENTRAL FLORIDA FAIRGROUNDS
4603 West Colonial Drive Orlando, Florida 32808

February 9, 10 & 11

Kick off the year 2007 in Orlando, at one of the great hamfests. See the latest equipment. Shop for swap table deals. Find bargains at the largest tail-gating area in the Southeast. There are transceivers, mobile rigs, HT's, amps, antennas, call-letter hats, wire, parts, T-shirts, eye-ball QSO's, QSL cards, forums, food, computers, sun and fun. You'll think it's ham heaven.

Home of some of the best known theme parks on earth, Orlando has all you need to round out your visit. It will be a great vacation for you and the family. Make your plans now for the 2007 Orlando HamCationSM.

Advance tickets: \$8.00 Tickets at the gate: \$10.00

Please visit our web site at www.hamcation.com,
call 407-273-1406, e-mail us at hamcation@oarc.org or write to:
HamCation, P.O. Box 547811, Orlando, FL 32854-7811

RANDOM RECOLLECTIONS OF AN OLD HAM

Ed Handy Retires & The Communications Manager

A Journalistic History of The Life and Times in Amateur Radio of George Hart, W1NJM
by George Hart, W1NJM

By 1966, I was firmly entrenched as the No. 2 man in the CD and the obvious successor to FEH on his pending retirement in February of 1967. Ed was not eager to retire; in fact he didn't want to, but retirement at age 65 was at that time mandatory. If no one was available as a replacement he would be permitted to stay on until an adequate replacement could be found, but in this case there was a man available and qualified, so there was no question. I was not eager for the job. I was sitting pretty, left much to my own devices in handling the public service aspects of amateur radio on-the-air functions, recognized as the no. 2 man in the department but with no ultimate responsibilities for its operation, but both Ed and I agreed that it would be better for me to have it than some outsider, so I had his full support and he never resented my being on board.

If anybody had ever been wedded to his job, Ed Handy was. In his early days at headquarters he was so eager and energetic that his health suffered. He had always been a highly nervous person, but such nervousness had a strong physical outlet. It was not confined within himself as it often is to the detriment of physical well-being, but it was so strong that at critical points in his career it did affect his health. Ed, throughout our entire acquaintance, remained tall and slim despite one of the heartiest appetites I have ever seen. I often kidded him about his affinity for food. We had a very good relationship, particularly during his last two or three years, followed by personal friendship in the years to follow. Although my succession to the top job in the department would represent a significant increase in salary, I looked with apprehension at the increase in responsibility and pressure. I did not want the job but realized I was the most qualified and wanted even less to have someone, probably from outside the department or outside the headquarters staff entirely, take over and be my superior. No one, inside or outside the headquarters, knew how the department operated better than I - and I had some definite ideas for change that I felt sure would improve its operation greatly. I felt obliged to accept it, but I didn't realize I would have to fight for it.

It was a fight to keep the department from falling into the wrong hands more than to upgrade my own status, although I freely admit that the latter was a part of it. The department had expanded to 17 people with the addition of a third operator at W1AW and an assistant to the National Emergency Coordinator in the person of Pete Chamalian, K2UTVW1BGD (later WIRM, when "vanity calls" came into vogue). It was more than a year before Ed's scheduled retirement that rumors started to circulate that I might not be the obvious choice to replace him. My zeal in conducting my role of leader in the public service field had produced some enemies, causing me to assess my chances of succession and look into the future if I did not succeed. Would I bow meekly to a negative decision? Would I quit? Would I be "let go"? Who was for me and who against me? I felt that most of the

NTS and AREC people were my supporters, but some of the DXers and contesters were doubtful. Most on the headquarters staff merely assumed I would take over. A sizable contingent of the Board of Directors was in doubt that I was the best person for the job.

The one person whose opinion should have mattered most, but actually didn't, was John Huntoon, the new general manager who had succeeded A. L. Budlong. As the man hired to run the headquarters, the choice of a new Communications Manager was his prerogative and his alone - or should have been. However, the Board of Directors, as always, took a great interest in CD affairs. John had a free hand in hiring, firing or promoting all personnel, including department heads, except in the CD. Here the board stepped in and took a hand in decisions, and in this case where a major department was concerned, I wasn't entirely sure whether John Huntoon favored me, I found myself going down the list of directors, putting them in three categories: for, against, or on the fence. There was no doubt in my mind that board pressure would influence John's decision. I found a majority in the "on the fence" category - that is, I didn't know which way they would lean. Two or three were definitely against me, but the rest were just as strongly for me. One, the first vice president, stated in my presence that "the man who has been trained for the job should be the one to occupy it."

One person who I knew was definitely against me was Herbert Hoover, Jr., the League president. Herb had always been very strongly anti-Handy and apparently felt I was of the same breed and totally unsuitable. He felt that someone from the field should be chosen and actually started recruiting. This resulted in several telephone calls from my friends in the field inquiring why I didn't want the job, saying they had been asked by President Hoover if they would be interested. One was W4SHJ, "Hoppy" Hopkins from Virginia, an NTS stalwart and manager of the Fourth Region Net who, upon being told I definitely wanted the job, turned down the offer. Another, the SEC from North Carolina whose name doesn't surface at the moment of writing, had definitely accepted the offer, apparently with the understanding that I didn't want it. He called to make sure, then promptly withdrew his acceptance. I'm sure there were many other offers made - not definite offers but inquiries to determine who was available to replace Handy. It puzzled me and caused me a lot of agitation. It seemed that Hoover was giving people the impression that I was not interested or concerned - people most of whom had assumed I would naturally replace Handy.

At one point I was called into John Huntoon's office for a closed-door conference with him and Dick Baldwin, his assistant. They wanted to know if I got the job, what changes I would make. I gave them full details of my re-organizational plans. John seemed pleased, Dick somewhat skeptical. A few

days later John suggested Dick take over the department temporarily while I was assigned to a special board-mandated project which would take me away from the headquarters; then after the project was completed, depending on how I handled it, and after the furor over Ed Handy's replacement had died down, I would return and take over. This suggestion, I thought, had Baldwin written all over it. I don't remember what the project was except that it was something far from my normal element. I had no doubt that I could handle it, but whether to their satisfaction I was not sure. After agonized reflection, I told John that I absolutely refused, and if this was his decision I would forthwith resign, that I was sick and tired of all the manipulation and would resign anyway if he picked someone other than me to head the department.

The threat of resignation was not real. I would probably have stayed on, if allowed to, subordinate to the new CM, because I had no hope for other employment that would equal my then-present pay scale, which was low enough as it was. But I really was fed up and wanted the matter settled, one way or another.

And it was. A few days later John announced that I was to be the new CM on a permanent basis, no strings attached. It was a bold and decisive move and could have had severe repercussions with the Board of Directors, but everything worked out fine. Howard Shepherd, the Southwestern Division director who had been at the forefront in opposing my succession, probably under Herb Hoover's influence, wrote John that he now approved the decision as the only logical one. Other board members, including many I had considered "on the fence" also applauded. Congratulations

poured in from my many staunch supporters in the field. The CD staff reacted with joy and relief. Herb Hoover faded into the background and shortly, in ill health, resigned as president. Hoover was a son of former President Herbert Hoover who was often blamed (undeservedly) for the "great depression" of the thirties. I always had the greatest respect for the father. Herbert Hoover, Jr. was reputed to be a very smart engineer. I have no doubt that this was true, but my respect for him never measured up to what I'd had for his father.

But my admiration and respect for John Huntoon went off the scale. I had always had this feeling about him but never felt sure how he felt about me. This decision had not been made, I felt, from any feeling of favoritism, but from intelligently considering all facets of the situation and arriving at what seemed a logical conclusion. Even then he was not sure it was the right one, or that it would be approved, which was one of his best qualities. In subsequent years I quarreled with John about many things concerning the CD and my handling of it, but always respected and abided by his decisions and carried them out to the best of my ability. One of his finest attributes was that he always listened to arguments and carefully considered them. His decisions were never arbitrary or peremptory. In my opinion, his execution of the position of general manager of ARRL headquarters was second only to that of the legendary K. B. Warner.

COMMUNICATIONS MANAGER

So here I was, after 28 years as an ARRL communications department employee, finally at the head of the department. I knew it was as high as I would ever go, for I was too controversial a figure at the head of a department of the head-

Memorial Scholarship Fund



NAME

SEYMOUR DENBY

CHAPTER 49

CHAPTER 150

CHAPTER 38

CHAPTER 38

CHAPTER 138

ED SERUGA

GREGORY HARDWICK

MAXINE HORNE

JENNIE LEE ACREE

MR & MRS ARTHUR JENNINGS

CAROL BOWDEN & FAMILY

MR & MRS WILLIAM FORD, JR.

RALPH HASSLINGER

CHAPTER 181

HONORING

W2GMD

KB4IT

QCWA SILENT KEYS

W5LFM

WA5GZO

MARCONI CHAPTER SILENT KEYS

W9QFL

W4BFR

W4BFR

W4BFR

W4BFR

W4BFR

W4BFR

W2ADB

QCWA SILENT KEYS

quarters that was itself controversial. The CD was responsible for implementation of every ARRL on-the-air program, including the ARRL field organization of section communications managers and appointees. The SCM's were elected by the full members of the 72 ARRL sections under an ingenious procedure set up in 1926 by F. E. Handy when he became the first communications manager of ARRL. I was the second, John Lindholm was the third and then the headquarters was reorganized to imitate big business and the CD's functions were scattered among the new entities. I was suddenly responsible for all contests, all operating awards, all administration of the on-the-air field organization, W1AW, affiliated clubs and the ARRL training aids program. The latter two were not on-the-air programs but were nevertheless in the CD because they had been started by F. E. Handy and developed under his regime. I would be responsible for the hiring, firing and functions of 17 employees. The department's organization, or re-organization, was left entirely in my hands, but John and Dick had me in for another conference to let them know how and to what extent I intended to re-organize, and specifically whom I intended hiring or promoting as the no. 2 man in the department.

Ed Handy was retired with suitable pomp, after 42 years as ARRL communications manager, and my 12-years as CM began. Everybody expected me to promote either Bob White, who was then handling DXCC, or Pete Chamalian, who had been my assistant as NEC, to the no. 2 spot. Instead, I appointed Ellen White, causing many eyebrows to go up. Ellen had been handling contests under Ed Handy and doing a superior job of it. Further, she had shown considerable executive ability and was well-liked by everyone. She had been SCM of Hawaii when she and Bob had lived there. I considered her a "natural" for the job. But she was a woman, and the ERA had not at that time arrived at a point where many women were executives, even minor ones. When I informed John and Dick of my decision, they both gave me a "You've got to be kidding!" look. But I wasn't kidding and John gave his assent with a "It's your funeral" attitude.

I needed two more assistants. First I asked Bob White what he thought of the idea. He showed no enthusiasm but raised no objection, merely said they could use the extra money. When I asked Ellen if she would accept the promotion she was at first astonished, then skeptical, and finally agreed provided she would not be in the position of being Bob's boss or departmental superior. I agreed that she would have no direct jurisdiction over DXCC and the only superiority would be implicit.

I offered Pete Chamalian the contest desk, replacing Ellen, knowing that Pete was an ardent tester, but he turned it down and shortly resigned from the staff. I don't recall any rancor involved, but I think Pete had expected to take my place as no. 2 in the department and felt slighted when I chose Ellen instead. I was sorry to lose him, but there had been a couple of incidents of his failing to comply with my instructions while he was my assistant that made me skeptical - coupled with the fact that his seniority was far less than

Ellen's. I never regretted my choice, but very likely Pete would have succeeded to better things if he had stayed on.

Once this matter was settled, I proceeded with my plans for reorganization. The department was divided into six branches: administrative, public service, contests, DXCC, miscellaneous awards and DXCC. The title of National Emergency Coordinator was abolished. Branch supervisors would become assistant communications managers or communications assistants, depending on their seniority and qualifications. Ellen would be deputy communications manager directly responsible for operation of the administrative, contest and miscellaneous awards branches. I would be responsible for all departmental operations but directly responsible for the public service, DXCC and W1AW branches. And of course in my absence, Ellen would act as manager of the entire department. At the time of the re-organization the administrative branch had perhaps the most extensive function; that of SCM elections, affiliated clubs, stenographers, clerks and the telephone operator, under the supervision of ACM Lillian Salter, who was by far senior to any of us. Contests would need a new ACM; meanwhile, Ellen would supervise. Public Service would also need a new ACM; meanwhile I would supervise. W1AW would be under ACM Chuck Bender. Miscellaneous awards (RCC, A-I Operator Club, WAS, code proficiency, frequency-measuring, etc.) would be handled by a communications assistant, since this was mostly clerical work and did not require an amateur-radio experienced person. There would be four pay grades: clerk-stenog, communications assistant, assistant communications manager, and deputy communications manager, each with a maximum and minimum or starting salary. My salary would be set by the general manager. Actually, the GM set all salaries, but at the recommendation of department heads within certain budget limits.

The setup worked quite well, but not perfectly. It was still a big improvement over the previous Handy setup in which there was no system, no table of organization, everything was "off the cuff." In my re-organization everything was standard. Amateur licenses and experience were required only for ACM and above, although it was considered an advantage in any grade. I intended doing all promoting from within, insofar as possible, making exceptions only if necessary or obviously advantageous. One such exception was Lillian Salter as an ACM. Lillian was not licensed at that time, but had been in the department since years before my time. I felt her experienced justified her higher ranking and, licensed or not, she was a hard worker and deserved special consideration. Other situations arose from time to time which required special consideration and deviations from the norm sometimes became necessary, but insofar as possible I stuck to the departmental structure.

In the next issue, George will continue with his experiences as the ARRL Communications Manager.

Frank Lester, Remembered SK, July 3, 2006

by Wes Randles, W4COW, QCWA Historian

Frank Lester, W4AMJ, ex W2AMJ, ex 2AMJ

Frank is not only one of our Founding Fathers; it was Frank who suggested the name "Quarter Century Wireless Association" and that name was adopted by the Founders. Frank says it was around 1919-1920 that the wireless bug hit him. His high school shop teacher wanted a graduating class project and Frank suggested a Loose Coupler Crystal set. The teacher agreed if he would take over the purchasing of the materials required and instruction, then help him build a model sail boat. Of course Frank agreed. As a result he wound up with one of the crystal sets and a table as a bonus. Upon graduating he was also awarded with a medal for his efforts.

One of the girls in the class introduced Frank to her dad who wanted to learn the code. He was an engineer on the New York Central RR. They took a liking to each other and got together twice a week until they both thought they were doing quite well even though they had no idea what their speed was.

In about 1921-1922 Frank swapped his bike for a FADA tube panel. This consisted of socket, rheostat and binding posts allowing you to replace the crystal detector with the UV200 tube. A storage battery and B batteries completed this set-up and enabled them to hear KDKA in Pittsburgh for the first time.

After this he built a Honeycomb Tuner set regenerative detector with two stages of audio, and a Magnavox horn loud speaker. He lived on the top floor of an apartment house so he stuck the loud speaker out the window and let the neighborhood listen to the Carpentier fight. He says there must have been several hundred people listening.

About this time Frank met Bill Colvin, 2CRI and they became very good friends. In nothing flat he was bootlegging with a Ford spark coil using the call 2FL. It wasn't very long before he was visited by 2AFN, 2AIM and Ben Russ whose call he can not remember. All of these boys were members of the Bronx Radio Club so naturally Frank joined and eventually he became president serving three terms. Frank believes they had close to fifty members not only from the Bronx but also Manhattan and Westchester. Very often the club was visited by the Brooklyn Radio Club. Some of the names he still remembers from that club were Dave Tally and Uda Ross.

By this time Frank had gotten rid of the spark coils etc. and had built a Hartly oscillator with a UV210 and later a tuned grid tuned plate with a UV203, which was converted to a UV210 crystal oscillator driving a UV203A. This was the second crystal controlled transmitter in the second district.

In the early 1920's Frank went down to the Customs House near the Battery in lower Manhattan. This was where the Radio Inspector's Office was located. Frank says there were about 5 or 6 of them taking the exam. The code was first, the omnigraph was set from the day before at 20 wpm, so when he heard this he put his pencil down and decided he would have to come back later. All of a sudden he says the code slowed down and after a couple of dah de dah's he picked up his pencil and copied SOS SOS SOS de KEIZ KEIZ KEIZ SOS SOS the rest he can't recall but he figures that's not too bad after all these years. The RI came into the room and stopped at Frank's position, mumbled something and handed him some papers and went to the next position. He heard the RI say "sorry you're going to have to come back in a month". It was then that Frank realized he had passed the 10 wpm. After completing the exam he was 2AMJ and was able to keep this suffix for all these golden years of Amateur Radio.



Past President Croft Taylor, VE3CT (right) presenting the 80-Year Service Award to Charter Member Frank Lester, W4AMJ. (Photo from Summer 2005 QCWA Journal)

The Manhattan Electric Supply Co., better known as MESCO, was the first company to make the dry cell battery known as Red Seal. They made spark coils, keys, HF buzzers and other wireless parts and they also became the first distributor for RCA parts, vacuum tubes and later a complete line of radio receivers beginning with Radiola One, Two and Three and still later the Superhets. Frank went to work for MESCO in about 1925 shortly after John DiBlasi, W2FX, the first QCWA President, left to start his own Rep business.

Frank says he really enjoyed working for MESCO as a Technician Salesman. He says the place was the daily meeting place of all the hams going to school in the area. He can safely say that one third of the Founders of QCWA were daily visitors.

In 1928 Frank left MESCO and joined Wholesale Radio which later became LaFayette Radio, Radio Wire and Television. He wound up as Chief Engineer and was responsible for putting them into the kit business and also for the design and manufacture of many receivers, transmitters, transceivers and VHF gear. He was with LaFayette Radio for over 20 years. It was here that he met his wife Sally. During the war Frank was Chief Engineer of Electronic Corp. of America, an offshoot of LaFayette Radio, and he was involved in many defense projects.

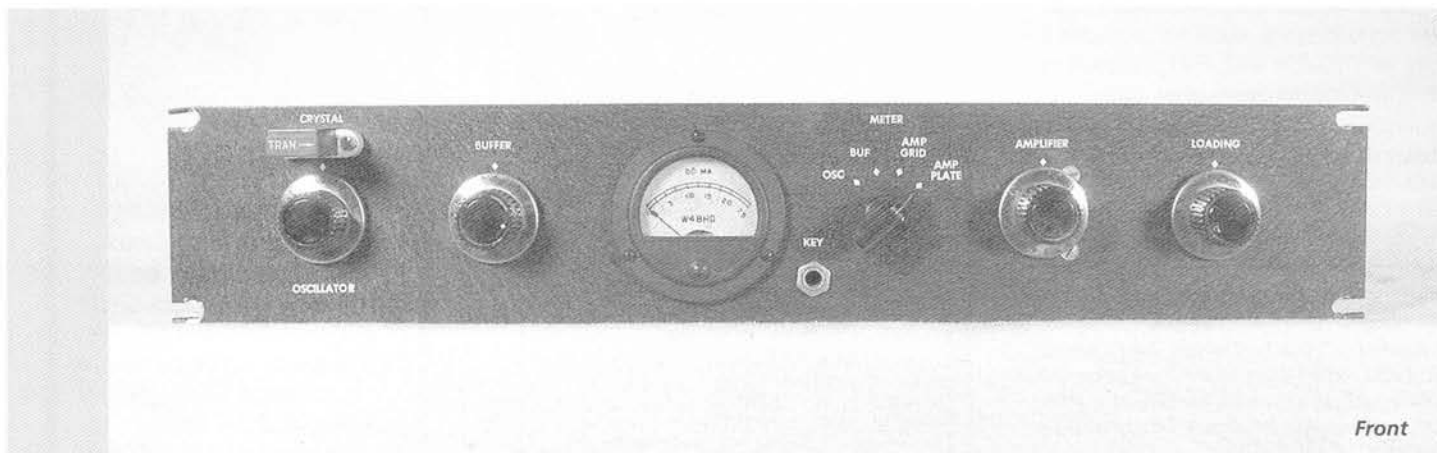
He was Chief Engineer of the Insuline Corp. of America and they were in Long Island City, a long way from Northern NJ, so when Stu Meyer, W2GHK, at the IRE show, wanted Frank to join him at Link Radio in Lower Manhattan. He left Insuline and became Plant Manager of Link. Stu was Chief Engineer at the time.

At about this time Frank got a call from Fred Sylvester who was sales Manager of Hammarlund. The result of that call was that Frank ended up as Sales Engineer and eventually as Sales Manager. He was responsible for getting Stu Meyer in as Chief Engineer and eventually as President. Frank says he really enjoyed working for Hammarlund and he made part of his job to put Hammarlund back on the map by attending most all conventions, manning the booth and as a speaker. He also sparked the design of SSB equipment.

As a result of a takeover and complete reorganization of Hammarlund he resigned and went out on his own as a sales engineer representative for Metropolitan New York with his main lines being Hammerlund and W2AU Products. He later became sales manager for W2AU before retiring to Florida. He got W4AMJ when he moved south. ■

A Transmitters Golden Anniversary

Nelson M. Seese, W4BHD



Like most hams who have been licensed for a number of years, I always look at the QST page recalling the state of the art "75, 50, and 25 Years Ago". That page in the February 2002 QST showed the cover from February 1952 featuring a rig with extensive shielding and TVI reduction circuitry.¹ The rig was also included in successive issues of the Radio Amateur's Handbook.

This item really caught my eye because in 1956, I built that transmitter. Although I used the rig for many years I eventually "retired" it to collect dust in my basement. I have always considered it the best of my radio construction projects. It is an almost exact copy of the prototype unit as depicted in QST.

By today's standards the rig is hopelessly out-of-date. Not only does it use vacuum tubes but it also has plug-in coils - making band changes less than instantaneous. Tuning is done the old-fashioned way - tune the buffer plate, peak the final grid current, dip the final plate circuit, and adjust the loading to rated plate current. No single-knob control like the modern "store bought" transceivers.

The transmitter is both compact and well shielded. It is built into a 3" x 4" x 17" chassis, with a bottom cover, and attached to a 3 1/2" x 19" rack panel. Metal cans over the plug-in coils and one, with ventilation holes, over the 6146 final tube, maintain the shielding. The oscillator and buffer tubes, being metal 6AG7's, are self-shielding. All power leads inside the chassis use shielded wires, with the shields grounded at several points, and bypass capacitors at each end of the lead. There is even a shield behind the panel meter to prevent leakage through it!

It would, of course, be next to impossible to build this rig today without access to a well stocked junk box and much shopping among hamfest flea markets. Plug-in coils have

not been made for many years. Even in 1956, when my rig was built, they were scarce. As a result, although I managed to wind a full set of 10 coils, buffer and final for 80 through 10 meters, they are a mismatched collection. Several are variations of the normal ribbed yellow-brown material, two are reclaimed and reused white ceramic forms, and one a transparent polystyrene. But they all work!

Consider some other components once commonplace. Four and five pin tube sockets to accommodate the plug-in coils have disappeared. Octal sockets are still in catalogs but they are now listed as "relay sockets". And tuning condensers - that's right, they were still condensers in those days - are available only if you can order a thousand from a manufacturer or find a unit someone has squirreled away. A particular problem was the final tank condenser. It was a dual section unit and a jumper inserted in the 80-meter coil paralleled the second section for that band only. Since space was quite limited, it had to be the exact item specified in the parts list. I ordered the part and waited a long time but the condenser did eventually arrive.

Fortunately, at the time I built this rig I worked in the test facility of a large military electronic contractor. This gave me access to several items that enhanced the construction. There was a drill press for chassis and panel drilling - there was even a flycutter to make the meter hole. We had a small sheet-metal shear and brake, along with aluminum scraps, to make the internal shields and partitions. The ribbed coil forms were even chucked in a small lathe and "nicked" at the proper number of turns per inch for the coils. All of these contributed to a nice looking product. And the tubes! In the mid 1950's Tektronix was a major source of high quality oscilloscopes and my employer had a lot of them. Each scope used several 6AG7's in its ampli-

(continued on page 53)

MEMBER CLASSIFIEDS

Please send classified ads to QCWA Journal, PO Box 3247, Framingham, MA 01705-3247, to arrive no later than 1 month prior to the publication deadline. Ads may be faxed to 508-405-1965 or emailed to: qcwagm@rcn.com. Kindly limit ads to 25 words. Words are counted as follows: WANTED, FOR SALE, FREE, etc. count as 1 word; your address counts as six words.

WANTED: I am looking for Winter 1951, Spring 1952, Summer 1952, Winter 1952, US Call books. Will pay any price. W8ILC/QCWA #11083. Ron Moorefield, W8ILC

THE EX-G RADIO CLUB

Founded in 1959 by the late Reg Cherrill, W3HQO, and others of similar background and common interests. Namely, the affection and respect for Great Britain and its citizens.

Regular membership is open to amateur radio operators who were born in the United Kingdom and are currently domiciled abroad. Current citizenship is not important. Associate membership is open to amateur radio operators who were not born in the U.K. but whose parents or spouse were.

Associate membership is also available to U.K. resident amateur radio operators who support the Club by joining the Club's radio nets on a regular basis and provide communications links to the UK for the overseas members.

The Club currently has chapters in The USA, Canada, Australia, New Zealand and the UK. Membership for residents of other countrys is handled by a chapter designated by the General Secretary.

Members communicate on designated net frequencies in the amateur radio bands authorized by their country of residence or international agreements.

Members who are unable to operate radio equipment from their location have established conference nets using Voice Over Internet Protocol (VOIP) such as Echolink. (www.echolink.com)

Ex-G Club information may be obtained from the General Secretary at 1575, Harlock Rd, Melbourne, Florida USA 32934 or on e-mail at ab4et@arrl.net

HEY!

How did you hear about us?
When you buy amateur radio products and they ask where you first learned of their product, tell them you saw it in the **QCWA JOURNAL**

If you enjoy Amateur Radio, you'll enjoy



Fun to read, interesting from cover to cover, written so you can understand it.

That's CQ. Read by thousands of people each month in 116 countries around the world.

It's more than just a magazine

CQ also sponsors fourteen world-famous award programs and contests.



Also available in the Spanish language edition. Write for rates and details.

	USA	VE/VE	Foreign Air Post
1 Year	31.95	44.95	56.95
2 Years	57.95	83.95	107.95
3 Years	83.95	122.95	158.95

Please allow 6-8 weeks for delivery of first issue

CQ Communications, Inc.

25 Newbridge Road, Hicksville, NY 11801
Phone 516-681-2922 • FAX 516-681-2926



Communicated by
Wireless - Amateur,
Commercial or
Military 40 years ago?
Licensed ham today?
OLD OLD TIMERS CLUB
3191 DARVANY DR
DALLAS TX 75220-1611
Phone: 214-352-4743
E-mail ootc@ootc.us
<http://www.ootc.us>

from MILLIWATTS to KILOWATTS™

Quality Transmitting & Audio Tubes

COMMUNICATIONS • BROADCAST • INDUSTRY • AMATEUR

3CPX800A7	3CX2500A3	4CX250R	4CX7500A	807	5868
3CPX5000A7	3CX2500F3	4CX350A	4CX10000A	810	6146B
3CW20000A7	3CX3000A7	4CX350F	4CX10000D	811A	7092
3CX100A5	3CX6000A7	4CX400A	4CX15000A	812A	3-5002G
3CX400A7	3CX10000A7	4CX800A	4X150A	813	4-400A
3CX400U7	3CX15000A7	4CX1000A	YC-130	833A	M328 / TH328
3CX800A7	3CX20000A7	4CX1500A	YU-106	833C	M338 / TH338
3CX1200A7	4CX250B	4CX1500B	YU-108	845	M347 / TH347
3CX1200D7	4CX250BC	4CX3000A	YU-148	866-SS	M382
3CX1200Z7	4CX250BT	4CX3500A	YU-157	872A-SS	
3CX1500A7	4CX250FG	4CX5000A	572B	5867A	and more!

Immediate Shipment from Stock!

TMOS & GASFETS • Tubes & Sockets • HV Rectifiers
Transformers • Semiconductors • Wattmeters
Variable, Doorknob & Electrolytic Capacitors
RF Power Modules & Transistors

Orders Only:

800-RF-PARTS • 800-737-2787

Se Habla Español • We Export

Tech Help / Order / Info: 760-744-0700

Fax: 760-744-1943 or 888-744-1943

Send for your FREE Catalog or visit our
Online Catalog: www.rfparts.com

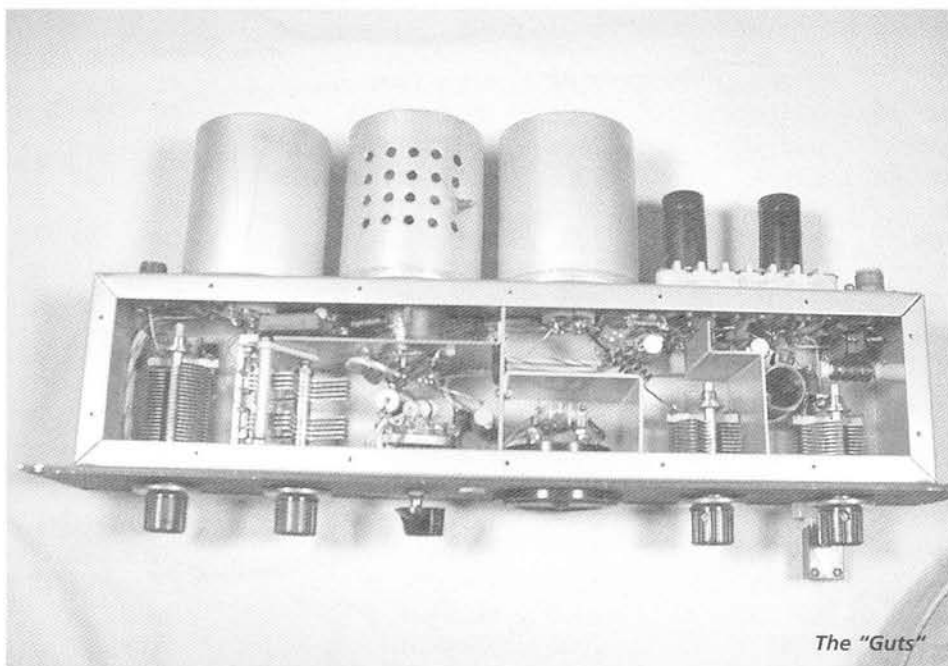
E-mail: rfp@rfparts.com



435 S. Pacific St.,
San Marcos, CA
92078



(continued from page 51)



The "Guts"

fiers. These tubes were often discarded during routine maintenance checks because they were no longer up to manufacturer's specs. However, they still performed admirably as crystal oscillators or buffer amplifiers. I never suffered a lack of 6AG7's! The company produced deliverable equipment using both the 6146 and its pulse version counterpart, the 6293. For some reason, the alignment key in the base of these tubes was easily broken off. This, of course, made the tube undeliverable. But, since the vacuum seal was not broken, it was still usable for amateur purposes with a little care in insertion into its socket. Check to see if the filament is lit before applying plate voltage!

My employer also contributed significantly to the rig's power supply. Military equipment must operate under severe conditions and power transformers had to meet some brutal environmental requirements as set forth in a military specification known as MIL-T-27. This meant transformers and chokes were hermetically sealed in steel cans. Samples of each lot purchased were subjected to severe shock, temperature, and humidity tests. Even if they survived unscathed they were deemed unsuitable to be installed into deliverable equipment and were plainly so marked. But for amateur use, such items were a dream come true. Even if a seam had ruptured and a little pitch oozed out, the resourceful ham could scrape it clean, resolder the seam shut, apply a little paint, and there was a fine plate transformer - 600-0-600 volts at 200 milliamperes. And it would probably withstand at least a 25% continuous overload!

Although my primary interest was, and still is, CW I did eventually build an amplitude modulator to accompany this rig. It utilized a pair of 1614's (upgraded metal 6L6's), dis-

carded from a Heathkit hi-fi amplifier in favor of 5881's - supposedly a superior item for the audiophile. And the power supply components? More of those "undeliverable" power transformers and chokes.

A further application of this rig that I'm sure the original designer never thought of—it could be made to operate on the 50 MHz band! The oscillator tank circuit had sufficient tuning range to resonate with an 8.3-MHz crystal in the socket. The buffer 21-MHz coil tuned as high as 25 MHz permitting operation as a tripler. I wound a new final coil for 50 MHz and doubling in that stage produced a reduced power six-meter signal. In the late fifties and early sixties, FM repeaters were still in the future and AM was the prevalent mode on six meters with a very few stations on sideband. Although it was a compromise in many respects, this

unorthodox arrangement did provide a new operating experience with a minimum investment.

As I stated earlier, I have always considered this transmitter my best effort. I have exhibited it at hamfests a couple of times and several times at radio club meetings. Though it became an "antique" and I no longer had any real use for it, I could not bring myself to scrap it. I kept hoping to find some museum or organization that would give it a home and preserve it as an example of radio "as it once was".

Recently I discovered The Museum of American Broadcasting, a part of the Hornbake Library² at the University of Maryland in College Park. The museum maintains a collection of radio memorabilia, including equipment, papers, and publications.³ They accepted my transmitter for future exhibit. Though it may never generate a signal again it will be preserved!

¹ George Grammer, W1DF, "Painless Shielding for the Plug-in Coil Transmitter-Exciter", *QST*, February 1952, pp 10-16, 112.

² Library of American Broadcasting, Hornbake Library, University of Maryland, College Park, MD 20742-7011, (301)405-9160.

³ The Library of American Broadcasting is also the repository for The Committee to Preserve Radio Verifications that maintains a collection of worldwide QSL's. ■

SILENT KEYS SILENT KEYS SILENT KEYS SILENT KEYS

With great sadness we record the passing of these members

NAME	CALL	MEM. #	L	SK	CITY	ST/PR
BITTNER, STANLEY J	W4JKK	27869		2006	SEBASTIAN	FL
CHAPMAN, EDWIN D	W2BVK	21496		2006	BLOOMFIELD	NJ
DOIRON, DAVID J	WA1MKE	28277		2006	HILTON HEAD ISLAND	SC
EICHHORN, RONALD G	WA8MYT	22671		2006	MADISON HEIGHTS	MI
FILES, WILBER D	W3SAY	29551		2006	STATE COLLEGE	PA
FRANCIS, HOWARD T	W9NHM	11408	L	2006	WILMINGTON	DE
FRENCH, TERRY D	VE3OB	21200	L	2006	KINGSTON	ON, CANADA
HANSEN, KARL A	WB9UUD	32972		2006	RACINE	WI
HAUBE, EDMUND D	W3LNG	23746		2006	BELLEFONTE	PA
JACOBS, MORTON	N0AW	10255	L	2006	LEAWOOD	KS
JOHNSON, MORRIS C	KB4IT	32798		2006	GRIFFIN	GA
JOHNSTON, THOMAS JR	W3TDZ	22491		2006	WALLINGFORD	PA
KENEFICK, WILLIAM J	W2QFE	07060		2006	UTICA	NY
KIESAU, HEINZ	DL1YK	09148		2006	KOELN	GERMANY
KREUZER, HANS	DL1AN	13796		2006	HOFHEIM	GERMANY
LONGDEN, GEORGE	G3ZQS	28898		2006	DARWEN	ENGLAND
LUDWIG, LAUDELL F	KE6IM	24653		2006	ORCUTT	CA
MAC DONALD, DAN A	W1PEX	07888	L	2006	NASHUA	NH
MINER, DONALD B	KK4QT	20377		2006	ORANGE	CT
MONTGOMERY, BRUCE E	W4BFR	07081	L	2006	ATLANTA	GA
MONUK, WILLIAM	VE3BDK	23993	L	2006	OTTAWA	ON, CANADA
NAUMAN, J G	W9CN	04408		2006	MERRITT ISLAND	FL
RATH, HANS L	DL6KG	12776		2006	ULM	GERMANY
RAYNES, LAURENCE C	KD7FY	25321		2006	PORTLAND	OR
RENTSCHLER, GEORG	DL1LX	16819		2006	BIBERTAL	GERMANY
RIGO, JOHN O	W3KJM	29537		2006	STATE COLLEGE	PA
SAROYAN, RALPH	W6JPU	29648		2006	FRESNO	CA
SEIDEMANN, HERBERT	DL6MM	15247		2006	AACHEN	GERMANY
SIBLEY, DAVID A	NT3O	23680	L	2006	STATE COLLEGE	PA
SLADE, GEORGE G	W1GOG	17146		2006	WARWICK	RI
SLATMYER, K R JR	W8LAO	04923	L	2006	PORTAGE	MI
SPEARS, RON	W7IX	31276		2006	KLAMATH FALLS	OR
STATTON, WALTER H	WA7KNK	27321		2006	CARSON CITY	NV
STINSON, JAMES S	W0MFI	13854		2006	ST JOSEPH	MN
SWANSON, CARL RAE	W9SCN	17471		2006	DES PLAINES	IL
TEMPLE, DWIGHT I	W2ATM	02117	L	2006	LONG BEACH	NY
TOPPE, GEORGE R	W9QFL	07656		2006	BRADENTON	FL
WINTER, ARTHUR C	W2ADB	00426	L	2006	MOUNT PLEASANT	SC

CORRECTION: The Journal was given incorrect information and we would like to make an apology and a correction. Kenneth Wessell, W0QAU, was incorrectly listed as a Silent Key. The Journal apologizes for this listing.

QCWA Journal • Fall 2006 • www.qcwa.org

QUARTER CENTURY WIRELESS ASSOCIATION, INC.

P.O. Box 3247, Framingham, MA 01705-3247

508-405-1930

Fax: 508-405-1965



This form for use by all U.S. Applicants
for membership in QCWA.

Fees Effective 7/1/2006

For Official Use Only

Membership No. _____

Date _____

First Licensed Year _____

Deposit Record _____

New Application? _____

Renewal? _____

Original QCWA No. _____

I, _____
(Print Name Clearly)

Present Call _____

having been licensed as an amateur for 25 years or more and presently holding the call listed above,
(it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA.

I understand that proof of the original date of licensing is required. My complete mailing address is :

Street Number and Name _____ City _____ State _____ Zip Code _____
E-Mail Address _____ Telephone Number _____

I will keep QCWA Headquarters advised of changes in my address and/or call sign. My first Amateur
license was dated _____ and the Call was _____ Other Calls held _____

Date of Birth _____ Birthplace _____

I wish to become affiliated with QCWA Chapter _____

Your Signature _____

SCHEDULE OF MEMBERSHIP FEES

Select one of the following plans:

Member

Family Member
(ea. additional)

QCWA Dues for a ONE-year period

\$20.00

QCWA Dues for a TWO-year period

\$35.00

QCWA Dues for a THREE-year period

\$50.00

\$12.00

QCWA LIFE Membership

\$300.00

\$90.00

When paid in 3 equal installments
within a one-year period

\$315.00
(3 pay of \$105)

\$105.00
(3 pay of \$35.00)

INITIAL REGISTRATION FEE, ALL NEW MEMBERS\$3.00

Gold membership pins available with your call engraved (no year tag) Check fastener:

Tie-tac _____ Screw button _____ Safety pin _____ \$15.00 each _____

Year-tag pins (**tie-tac only**): 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75 or 80 \$20.00 each _____

Total _____

Proposed by _____ Call _____ No. _____

07/06

IC-7800

The ultimate amateur radio.

With four (count 'em, four) DSP processors under its skin, it's like the Icom engineers fitted the rig with four powerful computers. Heck, it's not even LIKE that, it IS that!

"In the area of performance, ICOM has set a new standard in the important dynamic range area. In the feature department, ICOM has included almost every operating mode and convenience imaginable."

— QST, August 2004



IC-PW1

- 1kW HF/50MHz* linear amplifier
- Remote the control head, or leave attached to main unit
- Small footprint
- Auto antenna tuner
- 4 Antenna connectors
- 2 Exciter inputs



SM-20

- Unidirectional, electret condenser-type desktop microphone
- Up/down tuning, PTT button
- Lock setting



SP-20

- External speaker
- Built-in audio filters
- 1/4 Headphone jack
- Connect 2 transceivers
- Includes audio cable
- 7.875 x 5.875 x 13.375 in, 6.6 lbs.



SP-23

- External speaker
- Built-in audio filters
- 1/4 Headphone jack
- Connect 2 transceivers
- Includes audio cable
- 5.75 x 4.25 x 11.2 in, 3.6 lbs



Now with **3 roofing filters**



3kHz • 6kHz • 15kHz

- HF / 6M
- 5 - 200 W output power built-in (5 - 50 AM)
- General coverage RX: 0.3 - 60 MHz
- Four 32-bit floating point DSP units and 24-bit AD/DA converters
- 3 roofing filters
- 2 identical, independent receivers
- 7 inch wide color TFT display
- Real time spectrum scope

- Dual, digital twin passband tuning
- High speed auto antenna tuner
- Digital IF filter
- 110 dB dynamic range
- +40 dBm 3rd order intercept point
- AGC loop management using DSP
- 50 CTCSS tone encode/decode
- Digital voice recorder
- CF memory card slot

Visit your Icom dealer today!

Free literature: 425.450.6088

or www.icomamerica.com

ICOM

